



Labeling systems

PRODUCT APPROVALS



Rail vehicles

Product approvals for rail vehicles from Siemens, Bombardier, Alstom, Talgo for local and long-distance travel and for regional travel systems.



Automotive industry

Product approvals for plants and machinery in the auto industry including at Audi, BMW, Citroën Peugeot, Daimler AG, Fiat, Karmann, Opel, Renault, VW



Public buildings and institutions

Product approvals for media conducting systems (electricity, air, water), supply, control, networks, warning and signalling units



Air, water, road transport

Product approvals for
Aircraft: media-conducting systems, electric, hydraulic
Water craft: Electro, hydraulic, pneumatic
Street vehicles: Bus, lorry, special vehicles



Mechanical engineering

SPECIFICATIONS



Temperature range



Material



Fire classification UL 94



Additional information



Adhesive

LABELING



Part is **halogen free**



Part is **UV-resistant**

INSTALLATION METHOD



Sleeve system

Mounting by sliding sleeve over product



Direct labeling system

Direct slide-in mounting



Cable tie system with sleeves

Mounting the sleeve with cable ties



Cable tie system label

Mounting the labels with cable ties



Clamping system

Mounting the sleeve with a clamping base



Self-locking system

Self-clamping base used to mount holder



Adhesive system

Label glued into place



Snap-fit system

Label snapped into place



Strip system

Strip snapped into place



Riveting system

Label riveted into place



Screw assembly system

Mounting the label with screws

LABELING TECHNOLOGY



Inscription with **plotter**



Inscription with **hand pen**



Inscription with **Office laser printer**



Inscription via **engraving**



Inscription with **matrix printer**



Inscription with **Pulsar laser**



Inscription with **thermal lamination system**



Inscription with **inkjet printer**



Pre-inscribed label



Heat-shrink tube labeling

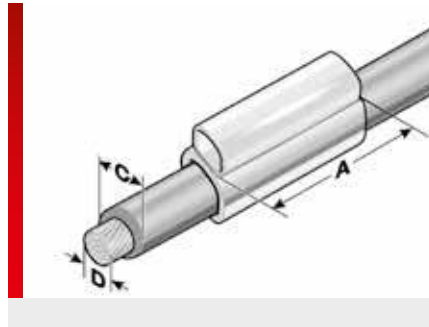
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KT label sleeve (standard sleeve)



PRODUCT INFORMATION

High-quality, fully transparent label sleeves for labeling wires, cables and conduits. The KT label sleeves hold the BK indents KS labels.

- 7 sizes are available for wire cross sections from 0.22 – 120 mm² (AWG approx. 24 – 4/0).
- The sleeves come in different lengths.

The special KT 2/20x9 or KT 2/35x9 sleeves are for multi-wire labeling hold our type KSO labels.

SPECIFICATIONS

- 40.00 – 140 °F
- Polyvinyl chloride (PVC)
- V0
- Standard label sleeve
-

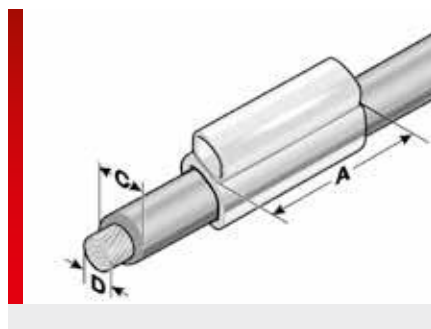
Type	Order No.	Application range from - to Ø in (C)	Wire cross section from - to in ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
0.39 in (10 mm) sleeve length (A), single line inscription						
KT 0/10	86201010	0.05 – 0.08	0.01 – 0.02	KS 4/10	4 / 3	2000
KT 1/10	86201012	0.07 – 0.10	0.02 – 0.04	KS 4/10	4 / 3	2000
KT 2/10	86201014	0.10 – 0.16	0.03 – 0.10	KS 4/10	4 / 3	2000
KT 3/10	86201016	0.16 – 0.26	0.10 – 0.24	KS 4/10	4 / 3	1000
KT 4/10	86201018	0.24 – 0.39	0.39 – 0.98	KS 4/10	4 / 3	1000
KT 5/10	86201020	0.35 – 0.59	0.98 – 1.97	KS 4/10	4 / 3	1000
KT 6/10	86201022	0.59 – 0.91	1.97 – 4.72	KS 4/10	4 / 3	500
0.47 in (12 mm) sleeve length (A), single line inscription						
KT 0/12	86201210	0.05 – 0.08	0.01 – 0.02	KS 4/12	5 / 4	2000
KT 1/12	86201212	0.07 – 0.10	0.02 – 0.04	KS 4/12	5 / 4	2000
KT 2/12	86201214	0.10 – 0.16	0.03 – 0.10	KS 4/12	5 / 4	2000
KT 3/12	86201216	0.16 – 0.26	0.10 – 0.24	KS 4/12	5 / 4	1000
KT 4/12	86201218	0.24 – 0.39	0.39 – 0.98	KS 4/12	5 / 4	1000
KT 5/12	86201220	0.35 – 0.59	0.98 – 1.97	KS 4/12	5 / 4	1000
KT 6/12	86201222	0.59 – 0.91	1.97 – 4.72	KS 4/12	5 / 4	500
0.59 in (15 mm) sleeve length (A), single line inscription						
KT 0/15	86201510	0.05 – 0.08	0.01 – 0.02	KS 4/15	6 / 5	2000
KT 1/15	86201512	0.07 – 0.10	0.02 – 0.04	KS 4/15	6 / 5	2000
KT 2/15	86201514	0.10 – 0.16	0.03 – 0.10	KS 4/15	6 / 5	2000
KT 3/15	86201516	0.16 – 0.26	0.10 – 0.24	KS 4/15	6 / 5	1000
KT 4/15	86201518	0.24 – 0.39	0.39 – 0.98	KS 4/15	6 / 5	1000
KT 5/15	86201520	0.35 – 0.59	0.98 – 1.97	KS 4/15	6 / 5	1000

KT label sleeve (standard sleeve) (Continued...)

Type	Order No.	Application range from - to Ø in (C)	Wire cross section from - to in ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
KT 6/15	86201522	0.59 – 0.91	1.97 – 4.72	KS 4/15	6 / 5	500
0.71 in (18 mm) sleeve length (A), single line inscription						
KT 0/18	86201810	0.05 – 0.08	0.01 – 0.02	KS 4/18	7 / 6	2000
KT 1/18	86201812	0.07 – 0.10	0.02 – 0.04	KS 4/18	7 / 6	2000
KT 2/18	86201814	0.10 – 0.16	0.03 – 0.10	KS 4/18	7 / 6	2000
KT 3/18	86201816	0.16 – 0.26	0.10 – 0.24	KS 4/18	7 / 6	1000
KT 4/18	86201818	0.24 – 0.39	0.39 – 0.98	KS 4/18	7 / 6	1000
KT 5/18	86201820	0.35 – 0.59	0.98 – 1.97	KS 4/18	7 / 6	750
KT 6/18	86201822	0.59 – 0.91	1.97 – 4.72	KS 4/18	7 / 6	300
0.91 in (23 mm) sleeve length (A), single line inscription						
KT 0/23	86202310	0.05 – 0.08	0.01 – 0.02	KS 4/23	10 / 7	2000
KT 1/23	86202312	0.07 – 0.10	0.02 – 0.04	KS 4/23	10 / 7	2000
KT 2/23	86202314	0.10 – 0.16	0.03 – 0.10	KS 4/23	10 / 7	1000
KT 3/23	86202316	0.16 – 0.26	0.10 – 0.24	KS 4/23	10 / 7	1000
KT 4/23	86202318	0.24 – 0.39	0.39 – 0.98	KS 4/23	10 / 7	1000
KT 5/23	86202320	0.35 – 0.59	0.98 – 1.97	KS 4/23	10 / 7	500
KT 6/23	86202322	0.59 – 0.91	1.97 – 4.72	KS 4/23	10 / 7	250
1.18 in (30 mm) sleeve length (A), single line inscription						
KT 0/30	86203010	0.05 – 0.08	0.01 – 0.02	KS 4/30	13 / 10	1000
KT 1/30	86203012	0.07 – 0.10	0.02 – 0.04	KS 4/30	13 / 10	1500
KT 2/30	86203014	0.10 – 0.16	0.03 – 0.10	KS 4/30	13 / 10	1000
KT 3/30	86203016	0.16 – 0.26	0.10 – 0.24	KS 4/30	13 / 10	1000
KT 4/30	86203018	0.24 – 0.39	0.39 – 0.98	KS 4/30	13 / 10	500
KT 5/30	86203020	0.35 – 0.59	0.98 – 1.97	KS 4/30	13 / 10	500
KT 6/30	86203022	0.59 – 0.91	1.97 – 4.72	KS 4/30	13 / 10	200
0.79 in (20 mm) sleeve length (A), single and multi-line inscription						
KT 2/20x9	86202050	0.1 – 0.16	0.03 – 0.10	KSO 20x9		1000
1.38 in (35 mm) sleeve length (A), single and multi-line inscription						
KT 2/35x9	86203550	0.10 – 0.16	0.03 – 0.10	KSO 35x9		500
2.76 in (70 mm) sleeve length (A), single line inscription						
KT 2/70	86207014	0.10 – 0.16	0.03 – 0.10	KS 4/30-70	30 / 23	500
KT 3/70	86207016	0.16 – 0.26	0.10 – 0.24	KS 4/30-70	30 / 23	400

* Single wire, type H05/07V-K

KTH label sleeve (halogen-free)



PRODUCT INFORMATION

High-quality, fully transparent, halogen-free label sleeves for labeling wires, cables and conduits. The KT label sleeves hold the BK indents KS labels.

- Wire cross sections from 0.01 – 1.38 in² (0.22 – 35 mm²) (AWG approx. 24 – 2) are available.
- The sleeves come in different lengths.

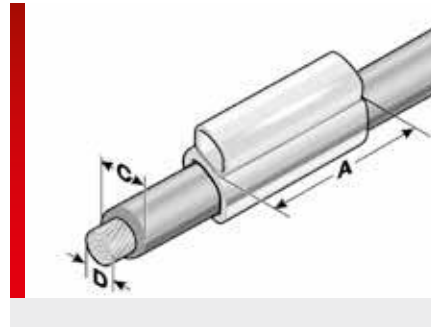
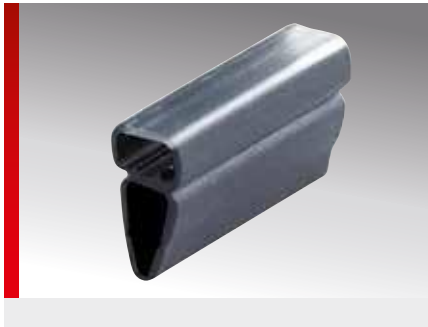
SPECIFICATIONS

- 40.00 – 176.00 °F
- EVA
- HB
- HF
-

Type	Order No.	Application range from - to Ø in (C)	Wire cross section from - to in ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
0.47 in (12 mm) sleeve length (A), single line inscription						
KTH 0/12	86221210	0.05 – 0.08	0.02	KS 4/12	5 / 4	2000
KTH 1/12	86221212	0.07 – 0.09	0.02	KS 4/12	5 / 4	2000
KTH 2/12	86221214	0.10 – 0.13	0.03 – 0.10	KS 4/12	5 / 4	2000
KTH 3/12	86221216	0.14 – 0.24	0.10 – 0.24	KS 4/12	5 / 4	1000
KTH 4/12	86221218	0.24 – 0.35	0.39 – 0.63	KS 4/12	5 / 4	1000
0.71 in (18 mm) sleeve length (A), single line inscription						
KTH 0/18	86221810	0.05 – 0.08	0.02	KS 4/18	7 / 6	2000
KTH 1/18	86221812	0.07 – 0.09	0.02	KS 4/18	7 / 6	2000
KTH 2/18	86221814	0.10 – 0.13	0.03 – 0.10	KS 4/18	7 / 6	2000
KTH 3/18	86221816	0.14 – 0.24	0.10 – 0.24	KS 4/18	7 / 6	1000
KTH 4/18	86221818	0.24 – 0.35	0.39 – 0.63	KS 4/18	7 / 6	1000
KTH 5/18	86221820	0.35 – 0.55	25.0 – 35.0	KS 4/18	7 / 6	500
0.91 in (23 mm) sleeve length (A), single line inscription						
KTH 0/23	86222310	0.05 – 0.08	0.02	KS 4/23	10 / 7	1000
KTH 1/23	86222312	0.07 – 0.09	0.02	KS 4/23	10 / 7	2000
KTH 2/23	86222314	0.10 – 0.13	0.03 – 0.10	KS 4/23	10 / 7	1000
KTH 3/23	86222316	0.14 – 0.24	0.10 – 0.24	KS 4/23	10 / 7	1000
KTH 4/23	86222318	0.24 – 0.35	0.39 – 0.63	KS 4/23	10 / 7	1000
1.18 in (30 mm) sleeve length (A), single line inscription						
KTH 3/30	86222416	0.14 – 0.24	0.10 – 0.24	KS 4/30	13 / 10	1000
KTH 4/30	86222418	0.24 – 0.35	0.39 – 0.63	KS 4/30	13 / 10	500

* Single wire, type H05/07V-K

KTH/Q label sleeve (halogen-free / high packing density)



PRODUCT INFORMATION

High-quality, halogen-free two-part label sleeves for the highest requirements. The sleeve geometry causes a minimum increase in cable diameter. The trapezoidal design makes for rapid and simple installation.

KTH/Q label sleeves hold the BK idents and type KS labels.

- Wire cross sections from v (AWG 26 – 500 MCM) are available.
- The sleeves come in different lengths.

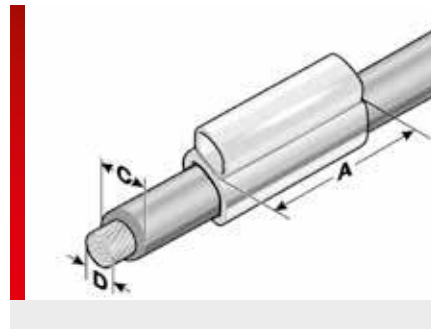
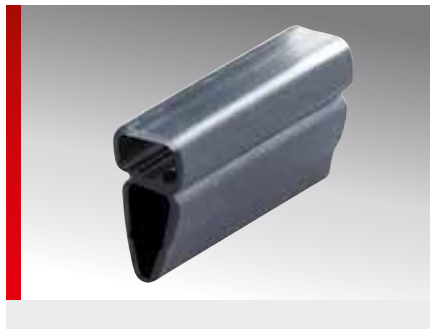
SPECIFICATIONS

- 40.00 – 212.00 °F
short term 320 °F
- TPU
- V0
- Halogen-free



Type	Order No.	Application range from - to Ø in (C)	Wire cross section from - to in ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
0.47 in (12 mm) sleeve length (A), single line inscription						
KTH/Q 0/12	86222808	0.03 – 0.06	0.02	KS 4/12	5 / 4	2000
KTH/Q 1/12	86222810	0.06 – 0.09	0.02	KS 4/12	5 / 4	2000
KTH/Q 1.5/12	86222811	0.06 – 0.13	0.02 – 0.03	KS 4/12	5 / 4	2000
KTH/Q 2/12	86222812	0.09 – 0.18	0.03 – 0.10	KS 4/12	5 / 4	2000
KTH/Q 3/12	86222814	0.15 – 0.24	0.10 – 0.24	KS 4/12	5 / 4	1000
KTH/Q 4/12	86222817	0.22 – 0.39	0.39 – 0.98	KS 4/12	5 / 4	1000
KTH/Q 5/12	86222818	0.31 – 0.47	25.0 – 35.0	KS 4/12	5 / 4	500
KTH/Q 6/12	86222820	0.39 – 0.55	1.97	KS 4/12	5 / 4	500
KTH/Q 6.5/12	86222821	0.47 – 0.71	2.76 – 3.74	KS 4/12	5 / 4	500
0.71 in (18 mm) sleeve length (A), single line inscription						
KTH/Q 0/18	86223008	0.03 – 0.06	0.02	KS 4/18	7 / 6	2000
KTH/Q 1/18	86223010	0.06 – 0.09	0.02	KS 4/18	7 / 6	2000
KTH/Q 1.5/18	86223011	0.06 – 0.13	0.02 – 0.03	KS 4/18	7 / 6	2000
KTH/Q 2/18	86223012	0.09 – 0.18	0.03 – 0.10	KS 4/18	7 / 6	2000
KTH/Q 3/18	86223014	0.15 – 0.24	0.10 – 0.24	KS 4/18	7 / 6	1000
KTH/Q 4/18	86223017	0.22 – 0.39	0.39 – 0.98	KS 4/18	7 / 6	1000
KTH/Q 5/18	86223018	0.31 – 0.47	25.0 – 35.0	KS 4/18	7 / 6	500
KTH/Q 6/18	86223020	0.39 – 0.55	1.97	KS 4/18	7 / 6	500
KTH/Q 6.5/18	86223021	0.47 – 0.71	2.76 – 3.74	KS 4/18	7 / 6	500
KTH/Q 7/18	86223022	0.71 – 0.94	4.72 – 5.91	KS 4/18	7 / 6	250
KTH/Q 8/18	86223024	0.91 – 1.18	7.28 – 9.45	KS 4/18	7 / 6	250

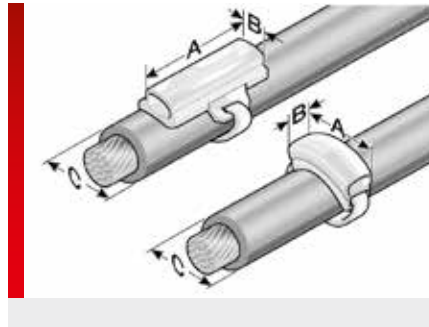
KTH/Q label sleeve (halogen-free / high packing density) (Continued...)



Type	Order No.	Application range from - to Ø in (C)	Wire cross section from - to in ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
0.91 in (23 mm) sleeve length (A), single line inscription						
KTH/Q 0/23	86223208	0.03 – 0.06	0.02	KS 4/23	10 / 7	2000
KTH/Q 1/23	86223210	0.06 – 0.09	0.02	KS 4/23	10 / 7	2000
KTH/Q 1.5/23	86223211	0.06 – 0.13	0.02 – 0.03	KS 4/23	10 / 7	2000
KTH/Q 2/23	86223212	0.09 – 0.18	0.03 – 0.10	KS 4/23	10 / 7	2000
KTH/Q 3/23	86223214	0.15 – 0.24	0.10 – 0.24	KS 4/23	10 / 7	1000
KTH/Q 4/23	86223217	0.22 – 0.39	0.39 – 0.98	KS 4/23	10 / 7	1000
KTH/Q 5/23	86223218	0.31 – 0.47	25.0 – 35.0	KS 4/23	10 / 7	500
KTH/Q 6/23	86223220	0.39 – 0.55	1.97	KS 4/23	10 / 7	500
KTH/Q 6.5/23	86223221	0.47 – 0.71	2.76 – 3.74	KS 4/23	10 / 7	500
KTH/Q 7/23	86223222	0.71 – 0.94	4.72 – 5.91	KS 4/23	10 / 7	250
KTH/Q 8/23	86223224	0.91 – 1.18	7.28 – 9.45	KS 4/23	10 / 7	250
1.18 in (30 mm) sleeve length (A), single line inscription						
KTH/Q 0/30	86223408	0.03 – 0.06	0.02	KS 4/30	13 / 10	2000
KTH/Q 1/30	86223410	0.06 – 0.09	0.02	KS 4/30	13 / 10	2000
KTH/Q 1.5/30	86223411	0.06 – 0.13	0.02 – 0.03	KS 4/30	13 / 10	2000
KTH/Q 2/30	86223412	0.09 – 0.18	0.03 – 0.10	KS 4/30	13 / 10	2000
KTH/Q 3/30	86223414	0.15 – 0.24	0.10 – 0.24	KS 4/30	13 / 10	1000
KTH/Q 4/30	86223417	0.22 – 0.39	0.39 – 0.98	KS 4/30	13 / 10	1000
KTH/Q 5/30	86223418	0.31 – 0.47	25.0 – 35.0	KS 4/30	13 / 10	500
KTH/Q 6/30	86223420	0.39 – 0.55	1.97	KS 4/30	13 / 10	500
KTH/Q 6.5/30	86223421	0.47 – 0.71	2.76 – 3.74	KS 4/30	13 / 10	500
KTH/Q 7/30	86223422	0.71 – 0.94	4.72 – 5.91	KS 4/30	13 / 10	250
KTH/Q 8/30	86223424	0.91 – 1.18	7.28 – 9.45	KS 4/30	13 / 10	200
1.18 in (30 mm) sleeve length (A), notched						
KTH/Q 1/30A	86223482	0.06 – 0.09	0.02	KS 4/30	13 / 10	2000
KTH/Q 2/30A	86223484	0.09 – 0.18	0.03 – 0.10	KS 4/30	13 / 10	2000
KTH/Q 3/30A	86223486	0.15 – 0.23	0.10 – 0.24	KS 4/30	13 / 10	500

* Single wire, type H05/07V-K

KM Label holder (standard holder)



PRODUCT INFORMATION

Label holder for wire, cable and conduit labels. KM label holder accommodate BK idents and type KS as well as type KSO labels.

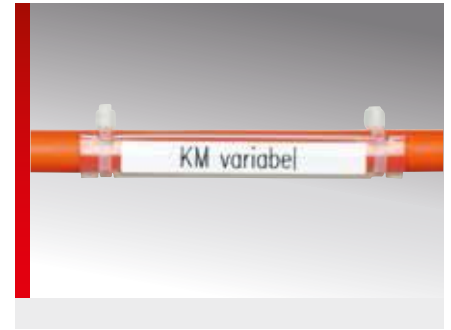
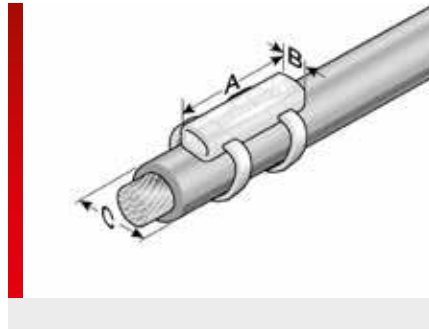
- The label holders are fixed in place with cable ties.

SPECIFICATIONS

- 40.00 – 140 °F
- Polyvinyl chloride (PVC)
- V0
- Standard label holder
-

Type	Order No.	Color	Length in (A)	Width in (B)	Recommended label plate	No. idents BK23 / BK30	Cable ties max. width inch	Recommended min. Diameter in (C)	Pack qty.
Labeling across the line/the hose, single line of print									
KM 3	86321018	Transparent	0.63	0.16	KS 4/12	6 / 5	0.20	0.20	2000
Labeling lengthwise along the cable/conduit, one line of print									
KM 4/12	86321015	Transparent	0.47	0.16	KS 4/x	5 / 3	0.20	0.20	2000
KM 4/18	86321019	Transparent	0.71	0.16	KS 4/x	7 / 6	0.20	0.20	2000
KM 4/23	86321020	Transparent	0.91	0.16	KS 4/x	10 / 7	0.20	0.20	1000
KM 4/31	86321024	Transparent	1.22	0.16	KS 4/x	13 / 10	0.20	0.20	1000
Labeling lengthwise along the cable/conduit, one or more lines of print									
KM 9/20	86321040	Transparent	0.79	0.35	KSO 20x9		0.20	0.39	1000
KM 9/35	86321042	Transparent	1.38	0.35	KSO 35x9		0.20	0.39	500
KM 9/70	86321045	Transparent	2.76	0.35	KSO 70x9		0.20	0.39	250
KM 15/27	86321056	Transparent	1.06	0.59	KS 15/27		0.20	0.55	500
KM 15/49	86321058	Transparent	1.93	0.59	KS 15/49		0.20	0.55	250
KM 15/67	86321060	Transparent	2.64	0.59	KS 15/67		0.20	0.55	125
Pre-configured label holder, equipped with KB 55 cable ties									
KKM 4/12	86321048	Transparent	0.47	0.16	KS 4/x	5 / 4	0.20	0.20	250
KKM 4/23	86321050	Transparent	0.91	0.16	KS 4/x	10 / 7	0.20	0.20	250
KKM 9/20	86321052	Transparent	0.79	0.35	KSO 20x9		0.20	0.39	250
KKM 9/35	86321054	Transparent	1.38	0.35	KSO 35x9		0.20	0.39	250

KM label holder (standard holder, variable length)



PRODUCT INFORMATION

Individual label holders for wire, cable and conduit labels. The KM variable length label holders can be cut to any length and are used to hold the KS and KSO label plates.

- The label holders are fixed in place with cable ties.

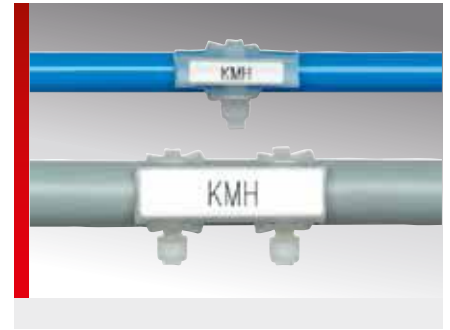
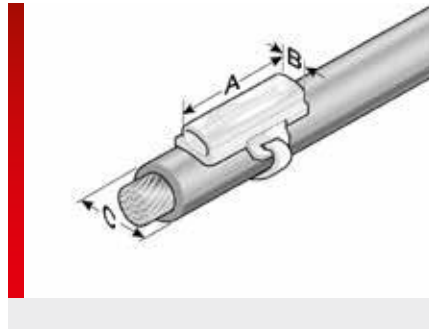
The KM-T10 multi-purpose tool can be used to cut the label holders to convenient lengths (A) for specific purposes. The tool can process KM 9 and KM 15 materials without resetting. The ACS special function tool KM-T10 is listed in "accessories".

SPECIFICATIONS

- 40.00 – 140 °F
- Polyvinyl chloride (PVC)
- V0
- Individual length
-

Type	Order No.	Color	Length inch	Width in (B)	Recommended label plate	Cable ties max. width inch	Recommended min. Diameter in (C)	Pack qty.
Labeling lengthwise along the cable/conduit, one or more lines of print								
KM 9/10000	86321070	Transparent	393.70	0.35	KSO 9/x	0.20	0.20	1
KM 15/10000	86321072	Transparent	393.70	0.59	KS 15/x	0.20	0.39	1

Label holder KMH (halogen-free)



PRODUCT INFORMATION

Halogen-free label holders for wire, cable and conduit labels. KMH label holders accommodate BK idents and type KS as well as type KSO labels.

- The label holders are fixed in place with cable ties.

SPECIFICATIONS

- 40.00 – 176.00 °F
- EVA
- HB
- Halogen-free

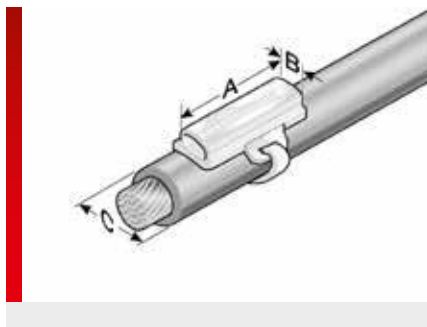
HF

Type	Order No.	Color	Length in (A)	Width in (B)	Recommended label plate	No. idents BK23 / BK30	Cable ties max. width inch	Recommended min. Diameter in (C)	Pack qty.
Labeling lengthwise along the cable/conduit, one line of print									
KMH 4/23	86221010	Transparent	0.91	0.16	KS 4/x	10 / 7	0.20	0.20	1000
Labeling lengthwise along the cable/conduit, one or more lines of print									
KMH 9/20	86221012	Transparent	0.79	0.35	KSO 20x9		0.20	0.39	1000
KMH 9/35	86221016	Transparent	1.38	0.35	KSO 35x9		0.20	0.39	500
Pre-configured label holder, equipped with KB 55 cable ties									
KKMH 4/23	86221050	Transparent	0.91	0.16	KS 4/x	10 / 7	0.20	0.20	250

Label holder KMH/Q (halogen-free/high packing density)



Figure shows KMH/Q 4/23



PRODUCT INFORMATION

High-quality, halogen-free, two-part label holders for the highest demands in the labeling of wires, cables and conduits. KMH/Q label holders for BK idents and type KS labels.

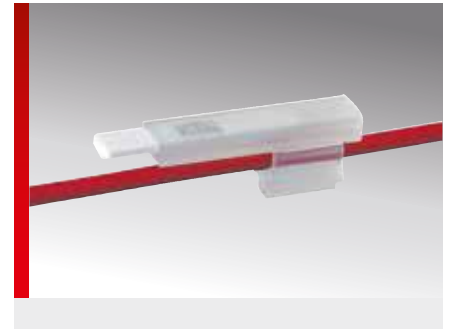
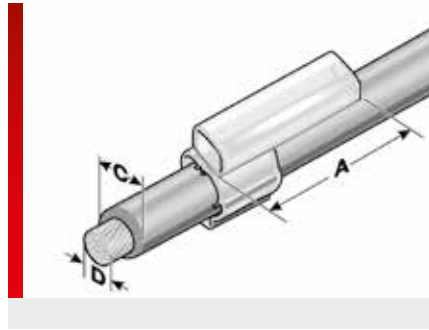
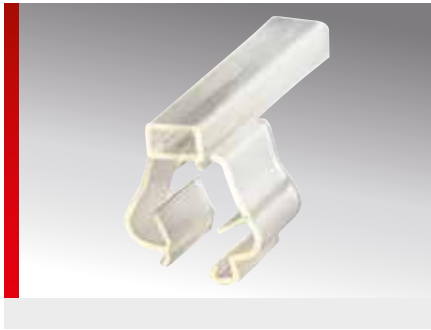
- The label holders are fixed in place with cable ties.
- It matches the appearance of label sleeve KTH/Q.

SPECIFICATIONS

	-40.00 – 212.00 °F short term 320 °F
	TPU
	V0
	Halogen-free

Type	Order No.	Length in (A)	Width in (B)	Recommended label plate	No. idents BK23 / BK30	Cable ties max. width inch	Recommended min. Diameter in (C)	Pack qty.
Labeling lengthwise on the line/the conduit, single line of print (centered cable ties position)								
KMH/Q 4/23	86223610	0.91	0.16	KS 4/x	10 / 7	0.20	0.20	1000
Labeling lengthwise on the line/the conduit, single line of print (off center cable ties position)								
KMH/Q 4/30	86223612	1.18	0.16	KS 4/x	13 / 10	0.20	0.20	1000

KTN label holder (halogen-free)








PRODUCT INFORMATION

Halogen-free label holders for subsequent labeling of single wires and cables. KTN label holders for BK idents and type KS labels.

- The label holders are manually fastened.
- 5 versions are available for wire cross sections from 0.01 – 0.39 mm² (0.25 – 10 mm²) (AWG 24 – 8).

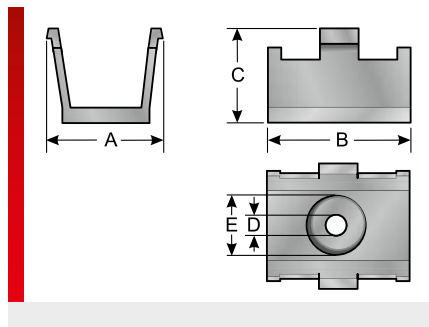
SPECIFICATIONS

	-40.00 – 212.00 °F
	TPE
	HB
	Retrofitting

HF 

Type	Order No.	Color	Application range from - to Ø in (C)	Core cross section from - to mm ² (D)	Recommended label plate	No. idents BK23 / BK30	Pack qty.
0.91 in (23 mm) sleeve length (A), single line inscription							
KTN 1/23	86242310	Transparent	0.07 – 0.12	0.01 – 0.06	KS 4/23	10 / 7	1000
KTN 2/23	86242312	Transparent	0.10 – 0.14	0.03 – 0.10	KS 4/23	10 / 7	1000
KTN 3/23	86242314	Transparent	0.13 – 0.19	0.10 – 0.16	KS 4/23	10 / 7	1000
KTN 4/23	86242316	Transparent	0.17 – 0.22	0.16 – 0.24	KS 4/23	10 / 7	1000
KTN 5/23	86242318	Transparent	0.20 – 0.28	0.24 – 0.39	KS 4/23	10 / 7	1000

ASI-Snap label holder







PRODUCT INFORMATION

Mounting clip for laying the ASI bus cable. Simple screwing or riveting mounting clip, for fastening and routing the ASI bus cable. The bus cable is simply snapped into the mounting clip without any further installation effort.

A KM 4/x series label can be latched into the mounting clip as bus cable labeling.

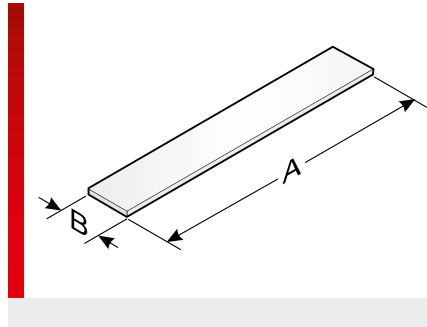
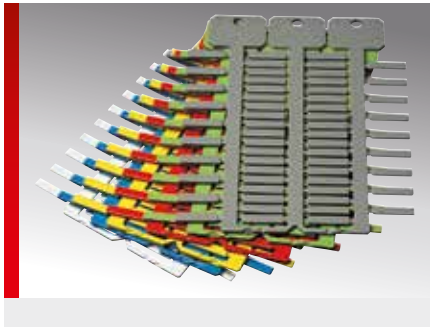
SPECIFICATIONS

-  -40.00 – 176.00 °F
-  Hard polyvinyl chloride (PVC)
-  V0
-  Laying and labeling for ASI bus cable



Type	Order No.	Color	Recommended label holder	Length in (A)	Width in (B)	C inch	D inch	E inch	Pack qty.
ASI-Snap	86321062	Black	KM 4/...	0.55	0.59	0.43	0.10	0.26	50

KS Label plate (single-line)



PRODUCT INFORMATION

High-quality, halogen-free, universal label plate. The KS 4/x label is used with sleeves KT, KTH, KTHQ or holders KM, KMH, KMHQ or KTN on wires, cables, lines or conduits.

- Available in various lengths and colors.
- The large printable area at the top provides room to reference individual projects.

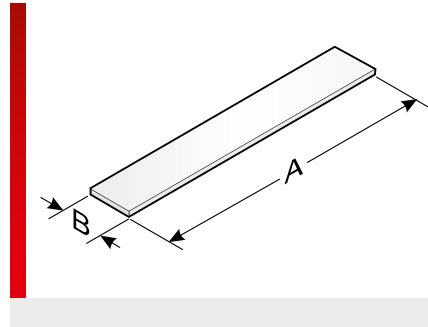
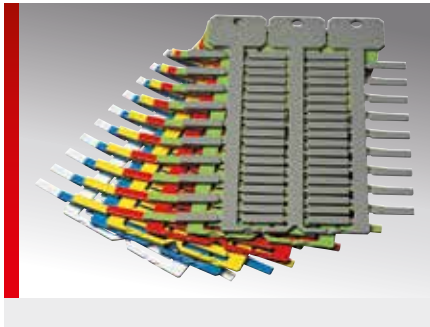
Only the long mat version labels are to be used with the mp-LM laser series.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line inscription

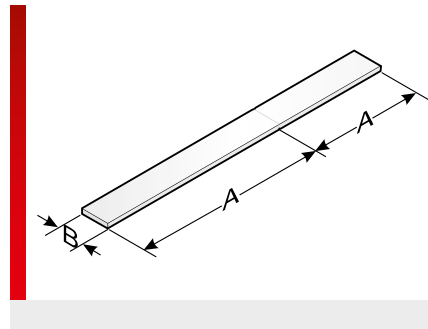
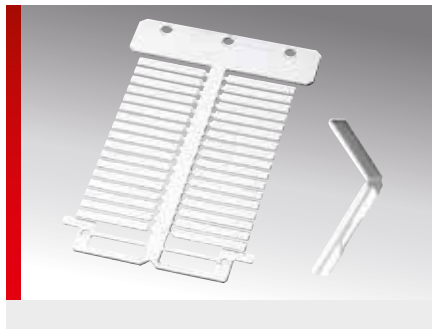
Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 0.39 in (10 mm), 4-line mat design										
KS 4/10 4ST	86361084	White	9016	0.16 x 0.39	0.16 x 0.39	5 / 1	64.00	GP4	A86	1024
Label length 0.47 in (12 mm), 4-line mat design										
KS 4/12 4ST	86361086	White	9016	0.16 x 0.47	0.16 x 0.47	6 / 1	64.00	GP4	A87	1024
KS 4/12 4ST	86361087	Yellow	1018	0.16 x 0.47	0.16 x 0.47	6 / 1	64.00	GP4	430	1024
Label length 0.47 in (12 mm)										
KS 4/12	86361026	White	9016	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	6	1026
KS 4/12	86361018	Yellow	1018	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	7	1026
KS 4/12	86361020	Red	2012	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	8	1026
KS 4/12	86361022	Green	6018	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	9	1026
KS 4/12	86361024	Blue	5012	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	10	1026
KS 4/12	86361019	Orange	2011	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	60	1026
Label length 0.47 in (12 mm) (high packaging density)										
KS 4/12 ST	86361072	White	9016	0.16 x 0.47	0.16 x 0.47	6 / 1	72.00	GP3	6ST	1296
KS 4/12 ST	86361073	Yellow	1018	0.16 x 0.47	0.16 x 0.47	6 / 1	72.00	GP3	7ST	1296
KS 4/12 ST	86361074	Red	2012	0.16 x 0.47	0.16 x 0.47	6 / 1	72.00	GP3	8ST	1296
Label length 0.47 in (12 mm), leveled foot										
KS 4/12-AF	86361027	White	9016	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	6AF	1026

KS Label plate (single-line) (Continued...)



Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 0.59 in (15 mm), 4-line mat design										
KS 4/15 4ST	86361088	White	9016	0.16 x 0.59	0.16 x 0.59	8 / 1	64.00	GP4	A88	1024
Label length 0.71 in (18 mm)										
KS 4/18	86361033	Orange	2011	0.16 x 0.71	0.16 x 0.71	10 / 1	57.00	GP3	10	1026
KS 4/18	86361035	Brown	8003	0.16 x 0.71	0.16 x 0.71	10 / 1	57.00	GP3	1B	1026
KS 4/18	86361029	Purple	4005	0.16 x 0.71	0.16 x 0.71	10 / 1	57.00	GP3	1L	1026
KS 4/18	86361031	Pink	4010	0.16 x 0.71	0.16 x 0.71	10 / 1	57.00	GP3	1R	1026
KS 4/18	86361228	Gray	7038	0.16 x 0.71	0.16 x 0.71	10 / 1	57.00	GP3	1G	1026
Label length 0.71 in (18 mm) (high packaging density)										
KS 4/18 ST	86361080	White	9016	0.16 x 0.71	0.16 x 0.71	10 / 1	72.00	GP3	1ST	1296
KS 4/18 ST	86361081	Yellow	1018	0.16 x 0.71	0.16 x 0.71	10 / 1	72.00	GP3	2ST	1296
KS 4/18 ST	86361082	Red	2012	0.16 x 0.71	0.16 x 0.71	10 / 1	72.00	GP3	3ST	1296
Label length 0.71 in (18 mm), leveled foot										
KS 4/18-AF	86361037	White	9016	0.16 x 0.71	0.16 x 0.71	10 / 1	57.00	GP3	5AF	1026
Label length 0.91 in (23 mm)										
KS 4/23	86361064	White	9016	0.16 x 0.91	0.16 x 0.91	12 / 1	34.00	GP3	11A	v
KS 4/23	86361066	Yellow	1018	0.16 x 0.91	0.16 x 0.91	12 / 1	34.00	GP3	11B	1020
KS 4/23	86361068	Red	2012	0.16 x 0.91	0.16 x 0.91	12 / 1	34.00	GP3	11C	1020
Label length 1.18 in (30 mm)										
KS 4/30	86361042	White	9016	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	15	1020
KS 4/30	86361246	Yellow	1018	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	17	1020
KS 4/30	86361240	Red	2012	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	16	1020
KS 4/30	86361244	Green	6018	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	19	1020
KS 4/30	86361242	Blue	5012	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	18	1020
KS 4/30 PE	86361043	Green / Yellow		0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	15P	1020
Label length 0.47 in (12 mm), long mat design										
KS 4/12 L	86362026	White	9016	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	477	1026
KS 4/12 L	86362018	Yellow	1018	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	478	1026
KS 4/12 L	86362020	Red	2012	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	479	1026
KS 4/12 L	86362022	Green	6018	0.16 x 0.47	0.16 x 0.47	6 / 1	57.00	GP3	480	1026

KS label plate (single-line/divisible)



PRODUCT INFORMATION

High-quality, halogen-free, divisible label plate. The KS 4/x label is used with sleeves KT, KTH, KTHQ or holders KM, KMH, KMHQ or KTN on wires, cables, lines or conduits.

- Available in different colors.
- The KS 4/18-12 has a detachable section, where the necessary connection information can be stored.

- The length of the KS 4/30-70 can modified in 0.39 in (10 mm) increments for labels of 1.18 in (30 mm) length or longer.

Only the long mat version labels are to be used with the mp-LM laser series.

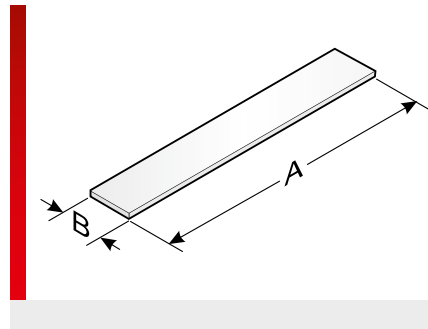
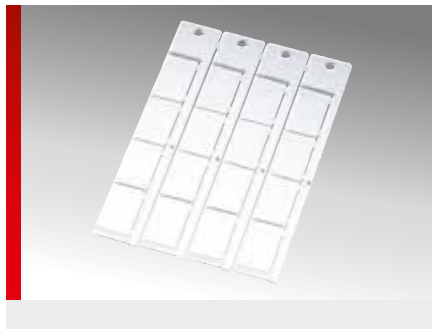
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line inscription

HF

Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 1.18 in (30 mm) (divided at 0.71 in (18 mm))										
KS 4/18-12	86361048	White	9016	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	15A	1020
KS 4/18-12	86361050	Yellow	1018	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	17A	1020
KS 4/18-12	86361052	Red	2012	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	17A	1020
KS 4/18-12	86361054	Green	6018	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	18A	1020
KS 4/18-12	86361056	Blue	5012	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	18A	1020
KS 4/18-12	86361058	Gray	7038	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	20A	1020
Label length 1.18 in (30 mm) (divided at 0.71 in (18 mm)), long mat design										
KS 4/18-12 L	86362048	White	9016	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	467	1020
KS 4/18-12 L	86362050	Yellow	1018	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	468	1020
KS 4/18-12 L	86362052	Red	2012	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	469	1020
KS 4/18-12 L	86362054	Green	6018	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	470	1020
KS 4/18-12 L	86362056	Blue	5012	0.16 x 1.18	0.16 x 1.18	16 / 1	34.00	GP3	471	1020
Label length 2.76 in (70 mm) (divided at 1.18/1.57/1.97/2.36 in (30/40/50/60 mm))										
KS 4/30-70	86361070	White	9016	0.16 x 2.76	0.16 x 2.76	38 / 1	18.00	GP3	1U	324
KS 4/30-70	86361071	Yellow	1018	0.16 x 2.76	0.16 x 2.76	38 / 1	18.00	GP3	1U5	324

KS label plate (multi-line)



PRODUCT INFORMATION

High-quality, halogen-free, universal label for multi-line inscriptions.

- Available in various lengths and colors.
- The large printable area at the top provides room to reference individual projects.

The KS 15/x may be inserted into the KM 15* label holders or the BZS 15* and BZS/F 15* label rails.
The KS 22x22 is suitable for Siemens 3SB push-button and signal lamp holders.
Other sizes of the KS label are used for BT and BMA label holders.

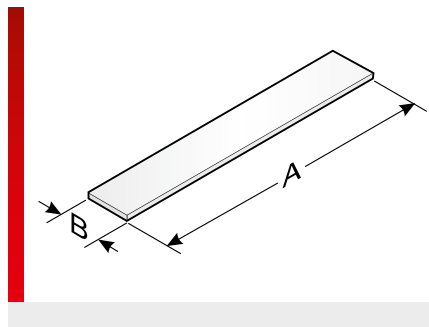
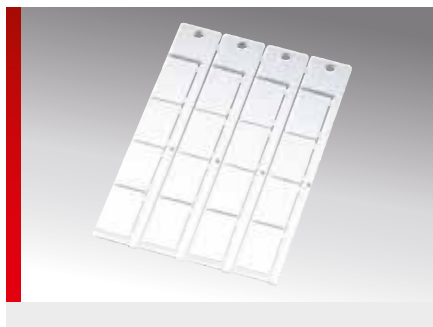
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

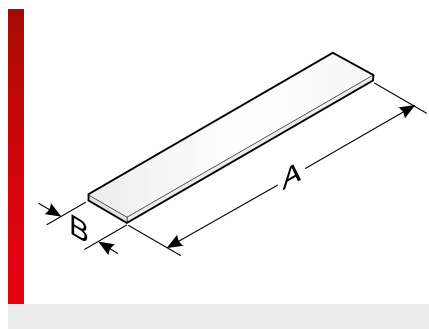
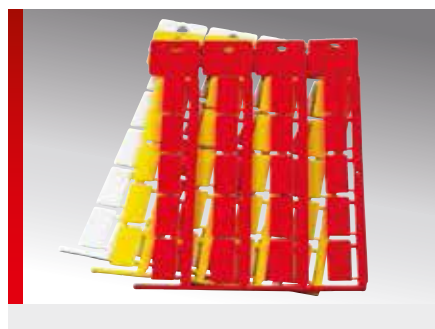
Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 1.04 in (26.5 mm) for BT 22.5 and BT Harmony ZB4										
KS 8/26.5	86361060	White	9016	0.31 x 1.04	0.31 x 1.04	14 / 2	16.00	GP4	71	480
Label length 0.67 in (17 mm) for KM 15*, BZS 15* and BZS/F 15*										
KS 15/17	86361040	White	9016	0.59 x 0.67	0.59 x 0.67	9 / 4	24.00	GP4	84	720
Label length 1.06 in (27 mm) for KM 15/27, BT 15/27, BTK 15/27, BT-SR 15x27, BTK 22.5, BZS 15* and BZS/F 15*										
KS 15/27	86361010	White	9016	0.59 x 1.06	0.59 x 1.06	15 / 4	16.00	GP4	85	480
KS 15/27	86361012	Yellow	1018	0.59 x 1.06	0.59 x 1.06	15 / 4	16.00	GP4	85G	480
KS 15/27	86361008	Red	2012	0.59 x 1.06	0.59 x 1.06	15 / 4	16.00	GP4	85R	480
KS 15/27	86361002	Gray	7040	0.59 x 1.06	0.59 x 1.06	15 / 4	16.00	GP4	85U	480
Label length 1.93 in (49 mm) for KM 15/49, BT 15/49, BTK 15/49 and BT-SR 15/49										
KS 15/49	86361014	White	9016	0.59 x 1.93	0.59 x 1.93	27 / 4	8.00	GP4	86	240
KS 15/49	86361015	Yellow	1018	0.59 x 1.93	0.59 x 1.93	27 / 4	8.00	GP4	86G	240
KS 15/49	86361013	Red	2012	0.59 x 1.93	0.59 x 1.93	27 / 4	8.00	GP4	86R	240
KS 15/49	86361003	Gray	7040	0.59 x 1.93	0.59 x 1.93	27 / 4	8.00	GP4	86U	240
Label length 1.93 in (49 mm) for BT 15/49, BTK 15/49 and BT-SR 15/49										
KS 15/49 2x2.7mm	86361021	White	9016	0.59 x 1.93	0.59 x 1.42	20 / 4	8.00	GP4	086	240
Label length 2.64 in (67 mm) for KM 15/67, BT 15/67, BTK 15/67 and BT-SR 15/67										
KS 15/67	86361016	White	9016	0.59 x 2.64	0.59 x 2.64	37 / 4	4.00	GP4	87	120
KS 15/67	86361017	Yellow	1018	0.59 x 2.64	0.59 x 2.64	37 / 4	4.00	GP4	87G	120
KS 15/67	86361009	Red	2012	0.59 x 2.64	0.59 x 2.64	37 / 4	4.00	GP4	87R	120

KS label plate (multi-line) (Continued...)



Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KS 15/67	86361004	Gray	7040	0.59 x 2.64	0.59 x 2.64	37 / 4	4.00	GP4	87U	120
Label length 0.87 in (22 mm) for Siemens 3SB push-button and signal lamp holders										
KS 22x22	86361264	White	9016	0.87 x 0.87	0.87 x 0.87	12 / 6	8.00	GP3	113	144
KS 22x22	86361262	Gray	7040	0.87 x 0.87	0.87 x 0.87	12 / 6	8.00	GP3	114	144
Label length 1.06 in (27 mm) for BT-SR 27x12.5										
KS 27/12.5	86361250	White	9016	0.49 x 1.06	0.49 x 1.06	15 / 3	12.00	GP3	82	216
KS 27/12.5	86361256	Gray	7040	0.49 x 1.06	0.49 x 1.06	15 / 3	12.00	GP3	83	216
Label length 1.06 in (27 mm) for BT-SR 27x18 and BT-SR 27x18 Harmony										
KS 27/18	86361252	White	9016	0.71 x 1.06	0.71 x 1.06	15 / 5	10	GP3	105	180
KS 27/18	86361258	Gray	7040	0.71 x 1.06	0.71 x 1.06	15 / 5	10	GP3	89	180
Label length 1.06 in (27 mm) for BT-SR 27x 27										
KS 27/27	86361254	White	9016	1.06 x 1.06	1.06 x 1.06	15 / 7	6.00	GP3	107	108
KS 27/27	86361260	Gray	7040	1.06 x 1.06	1.06 x 1.06	15 / 7	6.00	GP3	106	108

Label plate KSO



PRODUCT INFORMATION

High-quality, halogen-free, universal label plate for single-line and multi-line inscription.

- Available in various lengths and colors.
- The large printable area at the top provides room to reference individual projects.

The KSO label is mounted on cables, lines or conduits with KT series sleeves or the KM, KMH, KMH/Q carriers.

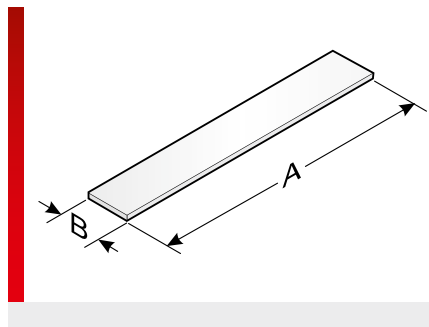
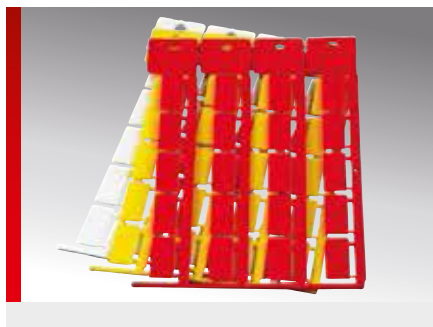
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

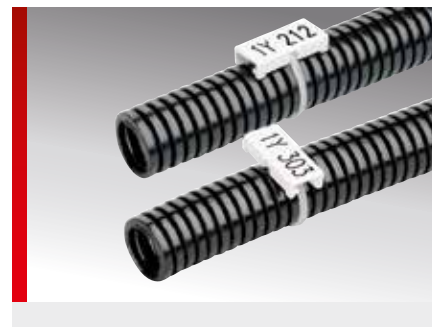
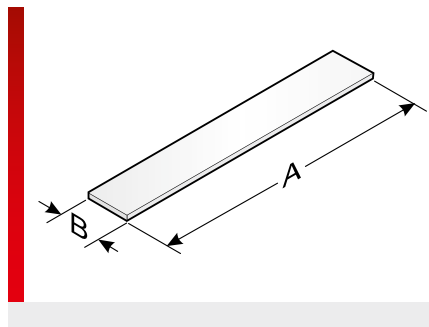
Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label length 0.43 in (11 mm)										
KSO 11x9	86421024	White	9016	0.35 x 0.43	0.35 x 0.43	6 / 2	44.00	GP4	60	1400
KSO 11x9	86421013	Yellow	1018	0.35 x 0.43	0.35 x 0.43	6 / 2	44.00	GP4	60G	1400
KSO 11x9	86421015	Red	2012	0.35 x 0.43	0.35 x 0.43	6 / 2	44.00	GP4	60R	1400
Label length 0.59 in (15 mm)										
KSO 15x9	86421026	White	9016	0.35 x 0.59	0.35 x 0.59	8 / 2	44.00	GP4	62	1400
KSO 15x9	86421027	Yellow	1018	0.35 x 0.59	0.35 x 0.59	8 / 2	44.00	GP4	62G	1400
KSO 15x9	86421019	Red	2012	0.35 x 0.59	0.35 x 0.59	8 / 2	44.00	GP4	62R	1400
Label length 0.69 in (17.5 mm)										
KFM 17.5x8	86421071	White	9016	0.31 x 0.69	0.31 x 0.69	9 / 2	24.00	GP4	550	720
Label length 0.79 in (20 mm)										
KSO 20x9	86421028	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	64	680
KSO 20x9	86421080	Yellow	1018	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	65G	680
KSO 20x9	86421030	Red	2012	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	65R	680
Label length 0.79 in (20 mm), long mat design										
KSO 20x9L	86421230	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	551	640
KSO 20x9L	86421232	Yellow	1018	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	552	640
KSO 20x9L	86421234	Red	2012	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	553	640
Label length 1.38 in (35 mm)										
KSO 35x9	86421064	White	9016	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	69W	360

Label plate KSO (Continued...)



Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSO 35x9	86421065	Yellow	1018	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	69G	360
KSO 35x9	86421066	Red	2012	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	69R	360
KSO 35x9 2x2.5MM	86421068	White	9016	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	303	360
Label length 2.76 in (70 mm)										
KSO 70x9	86421082	White	9016	0.35 x 2.76	0.35 x 2.76	38 / 2	11	GP5	280	330
KSO 70x9	86421083	Yellow	1018	0.35 x 2.76	0.35 x 2.76	38 / 2	11	GP5	282	330
KSO 70x9	86421084	Red	2012	0.35 x 2.76	0.35 x 2.76	38 / 2	11	GP5	281	330

Label plate BS



PRODUCT INFORMATION

High-quality, halogen-free label plate for single-line and multi-line inscription. The BS label plate is mounted directly with a cable tie.

BS 5 and BS 5-2 are suitable for longitudinal mounting. BS 6 can be mounted lengthways and across.

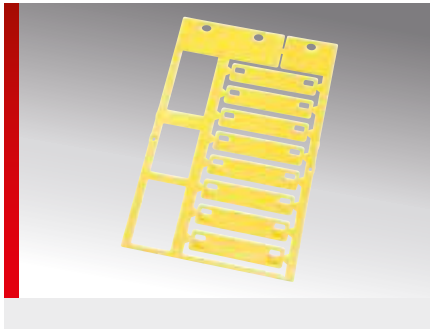
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription. Mounted lengthwise and across.

HF

Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Labeling area inch	No. characters/lines	Cable ties max. width inch	No. per frame	Base plate	Software type	Pack qty.
For lengthwise affixing (long mat version)											
BS 5L	86281070	White	9016	0.47 x 1.06	0.47 x 1.06	15 / 3	0.12	16.00	GP4L	80D	192
BS 5L	86281071	Yellow	1018	0.47 x 1.06	0.47 x 1.06	15 / 3	0.12	16.00	GP4L	80E	192
For lengthwise and across affixing (long mat version)											
BS 6L	86281076	White	9016	0.47 x 1.06	0.47 x 1.06	15 / 3	0.12	16.00	GP4L	81A	192
For lengthwise application											
BS 5	86281020	White	9016	0.47 x 1.06	0.47 x 1.06	15 / 3	0.12	16.00	none	80	190
BS 5	86281021	Yellow	1018	0.47 x 1.06	0.47 x 1.06	15 / 3	0.12	16.00	none	109	190
BS 5-2	86281031	Yellow	1018	0.47 x 2.17	0.47 x 2.17	30 / 3	0.12	8.00	none	108	96
For lengthwise or crosswise application											
BS 6	86281022	White	9016	0.47 x 1.06	0.47 x 1.06	15 / 3	0.12	16.00	none	81	190





KSM label plate








PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labeling of wires.
 The KSM is made of PC material and has been developed for direct and subsequent marking of cables and wires.
 Only cable ties are required for assembly.

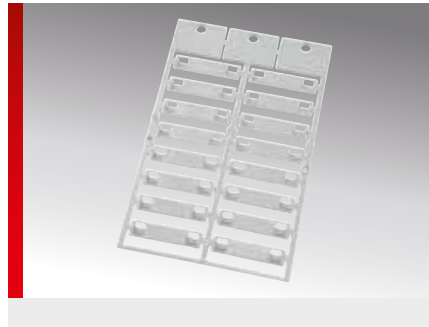
SPECIFICATIONS

-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Single-line and multi-line inscription

Type	Order No.	Color	RAL equiv.	Minimum diameter inch	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For lengthwise application											
KSM 35x8 PC	86281410	White	9016	0.20	0.31 x 1.38	0.31 x 0.71	10 / 2	16.00	GP3M	514	320
KSM 35x8 PC	86281420	Yellow	1018	0.20	0.31 x 1.38	0.31 x 0.71	10 / 2	16.00	GP3M	519	320
KSM 45x10 PC	86281412	White	9016	0.20	0.39 x 1.77	0.39 x 1.1	15 / 2	8.00	GP3M	515	160
KSM 45x10 PC	86281422	Yellow	1018	0.20	0.39 x 1.77	0.39 x 1.1	15 / 2	8.00	GP3M	520	160
KSM 55x12 PC	86281414	White	9016	0.20	0.47 x 2.17	0.47 x 1.5	21 / 3	6.00	GP3M	516	120
KSM 55x12 PC	86281424	Yellow	1018	0.20	0.47 x 2.17	0.47 x 1.5	21 / 3	6.00	GP3M	521	120
KSM 65x14 PC	86281418	White	9016	0.20	0.55 x 2.56	0.55 x 1.89	26 / 4	6.00	GP3M	518	120
KSM 65x14 PC	86281428	Yellow	1018	0.20	0.55 x 2.56	0.55 x 1.89	26 / 4	6.00	GP3M	523	120
KSM 70x10 PC	86281416	White	9016	0.20	0.39 x 2.76	0.39 x 2.09	29 / 2	8.00	GP3M	517	160
KSM 70x10 PC	86281426	Yellow	1018	0.20	0.39 x 2.76	0.39 x 2.09	29 / 2	8.00	GP3M	522	160

KSM label plate (Polypropylene)



PRODUCT INFORMATION

High-quality label to attach with cable ties directly onto the cables.
The KSM labels are a product that is used for the subsequent marking of cables.

The material Polypropylene (PP) is intended only for labels created with the MP laser system.

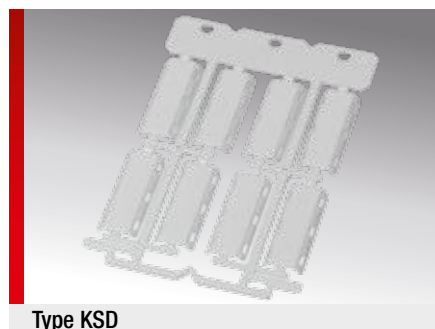
Also available as easily detectable KSM-D labels.

SPECIFICATIONS

- 22.00 – 194.00 °F
- Polypropylene (PP)
- HB
- Detectable labels
- Single-line and multi-line inscription

Type	Order No.	Color	RAL equiv.	Minimum diameter inch	Labeling area inch	No. characters/lines	Cable ties width inch	Cable ties length inch	No. per frame	Base plate	Software type	Pack qty.
Labels for longitudinal installation; for labeling with the MP laser system												
KSM 35x8 PP	86281610	White	9016	0.20	0.31 x 0.71	10 / 2			16.00	GP3M	524	320
KSM 35x8 PP	86281620	Yellow	1018	0.20	0.31 x 0.71	10 / 2			16.00	GP3M	529	320
KSM 45x10 PP	86281612	White	9016	0.20	0.39 x 1.1	15 / 2			8.00	GP3M	525	160
KSM 45x10 PP	86281622	Yellow	1018	0.20	0.39 x 1.1	15 / 2			8.00	GP3M	530	160
KSM 55x12 PP	86281614	White	9016	0.20	0.47 x 1.5	21 / 3			6.00	GP3M	526	108
KSM 55x12 PP	86281624	Yellow	1018	0.20	0.47 x 1.5	21 / 3			6.00	GP3M	531	108
KSM 65x14 PP	86281618	White	9016	0.20	0.55 x 1.89	26 / 4			6.00	GP3M	528	108
KSM 65x14 PP	86281628	Yellow	1018	0.20	0.55 x 1.89	26 / 4			6.00	GP3M	533	108
KSM 70x10 PP	86281616	White	9016	0.20	0.39 x 2.09	29 / 2			8.00	GP3M	527	144
KSM 70x10 PP	86281626	Yellow	1018	0.20	0.39 x 2.09	29 / 2			8.00	GP3M	532	144
Noticeable cable ties for longitudinal installation; for labeling with the MP laser system												
KSM-D 35x8 PP	86281810	Gray	7038	0.20	0.31 x 0.71	10 / 2			16.00	GP3M	534	320
KSM-D 45x10 PP	86281812	Gray	7038	0.20	0.39 x 1.1	15 / 2			8.00	GP3M	535	160
KSM-D 55x12 PP	86281814	Gray	7038	0.20	0.47 x 1.5	21 / 3			6.00	GP3M	536	108
KSM-D 65x14 PP	86281818	Gray	7038	0.20	0.55 x 1.89	26 / 4			6.00	GP3M	538	108
KSM-D 70x10 PP	86281816	Gray	7038	0.20	0.39 x 2.09	29 / 2			8.00	GP3M	537	144
Noticeable cable ties												
KB-D 20	88661252	Blue					0.10	3.94				100
KB-D 25	88661256	Blue					0.14	5.51				100
KB-D 55	88661266	Blue					0.18	7.87				100
KB-D 75	88661268	Blue					0.18	11.02				100

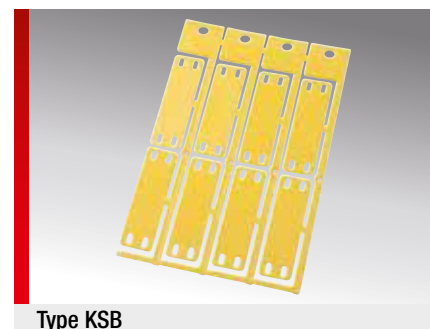
KSD/KSB label plate (Polypropylene)



Type KSD



Type KSD application



Type KSB

PRODUCT INFORMATION

High-quality label to attach with cable ties directly onto the cables.

KSD/KSB label applications

The KSD/KSB label is a product designed for the subsequent marking of cables; it features a low-profile. The low-profile design requires that cable ties must not be tightened with a force higher than (50-60 N / 5-6 kg). Since

for these small cable diameters the force intensifies at the tongues considerably, you must observe the recommended areas of application.

The material Polypropylene (PP) is intended only for labels created with the MP laser system.

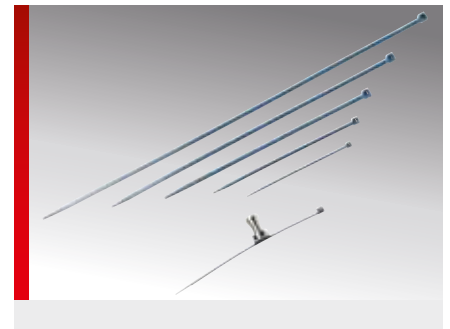
SPECIFICATIONS

- 22.00 – 194.00 °F
- Polypropylene (PP)
- HB
- Single-line and multi-line inscription

Type	Order No.	Color	RAL equiv.	Minimum diameter inch	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For longitudinal installation and labeling with the MP labeling system											
KSD 20x5 PP ¹⁾	86281054	White	9016	0.20	0.2 x 0.79	0.2 x 0.79	11 / 1	16.00	GP3K	445	480
KSD 30x8 PP ¹⁾	86281052	White	9016	0.31	0.31 x 1.18	0.31 x 1.18	16 / 2	12.00	GP3K	444	360
KSD 40x10 PP ¹⁾	86281036	White	9016	0.39	0.39 x 1.57	0.39 x 1.57	22 / 2	8.00	GP3K	271	240
KSD 40x10 PP ¹⁾	86281038	Yellow	1018	0.39	0.39 x 1.57	0.39 x 1.57	22 / 2	8.00	GP3K	272	240
For longitudinal installation (long mat version); for labeling with the MP laser system											
KSD 20x5L PP ¹⁾	86281080	White	9016	0.20	0.2 x 0.79	0.2 x 0.79	11 / 1	16.00	GP3K	501	480
KSD 20x5L PP ¹⁾	86281082	Yellow	1018	0.20	0.2 x 0.79	0.2 x 0.79	11 / 1	16.00	GP3K	502	480
KSD 30x8L PP ¹⁾	86281086	White	9016	0.31	0.31 x 1.18	0.31 x 1.18	16 / 2	12.00	GP3K	504	216
KSD 30x8L PP ¹⁾	86281088	Yellow	1018	0.31	0.31 x 1.18	0.31 x 1.18	16 / 2	12.00	GP3K	505	216
KSD 40x10L PP ¹⁾	86281090	White	9016	0.39	0.39 x 1.57	0.39 x 1.57	22 / 2	8.00	GP3K	507	240
KSD 40x10L PP ¹⁾	86281092	Yellow	1018	0.39	0.39 x 1.57	0.39 x 1.57	22 / 2	8.00	GP3K	508	240
Custom variants upon request (for longitudinal installation and labeling with the MP labeling system)											
KSB 52x15 PP ¹⁾	86281210	Yellow	1018	0.20	0.59 x 2.05	0.59 x 1.57	22 / 4	8.00	GP4	440	240

¹⁾ Label size specifications (B x A) are shown in width x length.

KSD-D Detectable label plate (Polypropylene)



PRODUCT INFORMATION

High-quality detectable label to attach with detectable cable ties directly onto the cables.

KSD label applications

The KSD label is a product designed for the subsequent marking of cables; it features a low-profile. The low-profile design requires that cable ties must not be tightened with a force higher than (50-60 N / 5-6 kg). Since

for these small cable diameters the force intensifies at the tongues considerably, you must observe the recommended areas of application.

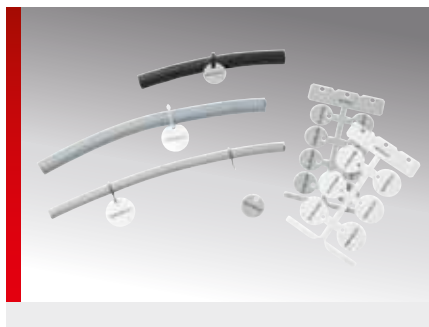
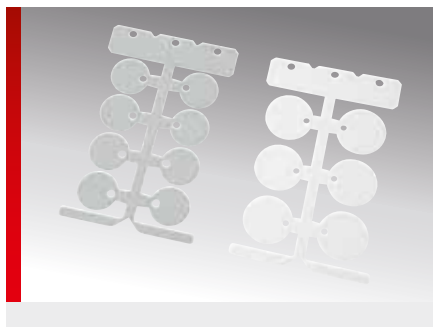
The material Polypropylene (PP) is intended only for labels created with the MP laser system.

SPECIFICATIONS

- 22.00 – 194.00 °F
- Polypropylene (PP)
- HB
- Noticeable labels and cable ties
- Single-line and multi-line inscription

Type	Order No.	Color	RAL equiv.	Minimum diameter inch	Labeling area inch	No. characters/lines	Cable ties width inch	Cable ties length inch	No. per frame	Base plate	Software type	Pack qty.
Noticeable cable ties for longitudinal installation; for labeling with the MP laser system												
KSD-D 20x5 PP	86281066	Gray	7038	0.20	0.2 x 0.79	11 / 1			16.00	GP3K	483	480
KSD-D 30x8 PP	86281064	Gray	7038	0.31	0.31 x 1.18	16 / 2			12.00	GP3K	484	360
KSD-D 40x10 PP	86281062	Gray	7038	0.39	0.39 x 1.57	22 / 2			8.00	GP3K	485	240
Noticeable labels for longitudinal installation (long mat version); for labeling with the MP laser system												
KSD-D 20x5L PP	86281083	Gray	7038	0.20	0.2 x 0.79	11 / 1			16.00	GP3K	503	480
KSD-D 30x8L PP	86281089	Gray	7038	0.31	0.31 x 1.18	16 / 2			12.00	GP3K	506	216
KSD-D 40x10L PP	86281093	Gray	7038	0.39	0.39 x 1.57	22 / 2			8.00	GP3K	505	240
Noticeable cable ties												
KB-D 20	88661252	Blue					0.10	3.94				100
KB-D 25	88661256	Blue					0.14	5.51				100
KB-D 55	88661266	Blue					0.18	7.87				100
KB-D 75	88661268	Blue					0.18	11.02				100
KB-D 100	88661270	Blue					0.18	14.96				100

KSR label plate



PRODUCT INFORMATION

High-quality, halogen-free round label plate (PC circular blank) for subsequent labeling of cables, lines and conduits.

Fastened with either a cable tie or the S-hook.

SPECIFICATIONS

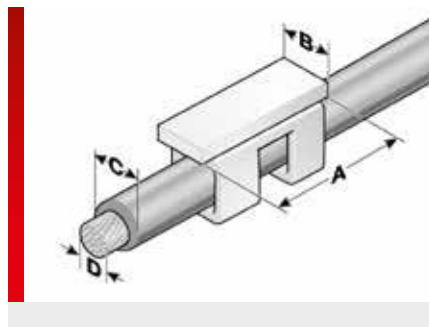
- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF
 Hand
 Screwdriver
 Starburst
 Fire

Type	Order No.	Color	RAL equiv.	Label size Ø in	Fastening hole Ø in	Cable ties max. width inch	No. per frame	Base plate	Soft- ware type	Pack qty.
Mounting hole 0.14 in (3.5 mm)										
KSR D20-3.5	86411210	White	9016	0.79	1x 0.14	0.11	8.00	GP3	447	120
KSR D20-3.5	86411222	Gray	7038	0.79	1x 0.14	0.11	8.00	GP3	453	120
KSR D25-3.5	86411214	White	9016	0.98	1x 0.14	0.11	8.00	GP3	449	120
KSR D25-3.5	86411226	Gray	7038	0.98	1x 0.14	0.11	8.00	GP3	455	120
KSR D30-3.5	86411218	White	9016	1.18	1x 0.14	0.11	6.00	GP3	451	90
KSR D30-3.5	86411230	Gray	7038	1.18	1x 0.14	0.11	6.00	GP3	457	90
Mounting hole 0.17 in (4.2 mm)										
KSR D20-4.2	86411212	White	9016	0.79	1x 0.17	0.14	8.00	GP3	448	120
KSR D20-4.2	86411224	Gray	7038	0.79	1x 0.17	0.14	8.00	GP3	454	120
KSR D25-4.2	86411216	White	9016	0.98	1x 0.17	0.14	8.00	GP3	450	120
KSR D25-4.2	86411228	Gray	7038	0.98	1x 0.17	0.14	8.00	GP3	456	120
KSR D30-4.2	86411220	White	9016	1.18	1x 0.17	0.14	6.00	GP3	452	90
KSR D30-4.2	86411232	Gray	7038	1.18	1x 0.17	0.14	6.00	GP3	458	90

The S-hook is listed in Accessories in the ACS catalog. The correct size KB cable ties are listed in the accessories in the KDH catalog.

Label plate KDE



PRODUCT INFORMATION

The KDE label plates are pushed directly onto the single wires.

- For wire cross sections from 0.5 – 4 mm² (AWG 20 – 12).
- Available in two lengths, in the colors white and yellow.

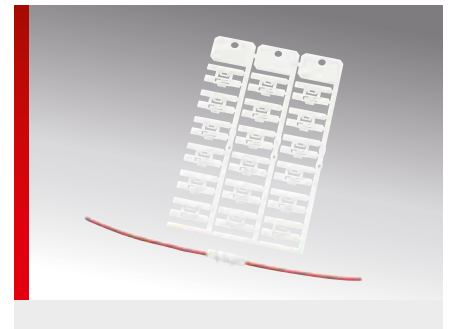
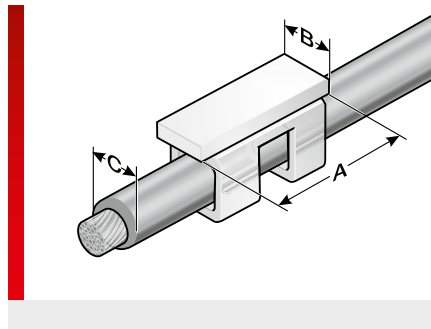
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line inscription. Suitable for use with narrow wire bending radii.

HF

Type	Order No.	Color	RAL equiv.	Application range from - to Ø in. (C)	Wire cross-section from - to in ² (D)	Label size in (B / A)	No. per frame	Base plate	Software type	Pack qty.
Label length 0.43 in (11 mm)										
KDE 11x4-3.2	86381240	White	9016	0.07 – 0.13	0.02 – 0.06	0.16 x 0.43	48	GP KDE	A78	576
KDE 11x4-3.2	86381241	Yellow	1018	0.07 – 0.13	0.02 – 0.06	0.16 x 0.43	48	GP KDE	A79	576
KDE 11x4-4.2	86381242	White	9016	0.08 – 0.17	0.04 – 0.16	0.16 x 0.43	48	GP KDE	A80	576
KDE 11x4-4.2	86381243	Yellow	1018	0.08 – 0.17	0.04 – 0.16	0.16 x 0.43	48	GP KDE	A81	576
Label length 16 mm										
KDE 16x4-3.2	86381244	White	9016	0.07 – 0.13	0.02 – 0.06	0.16 x 0.63	48	GP KDE	A82	576
KDE 16x4-3.2	86381245	Yellow	1018	0.07 – 0.13	0.02 – 0.06	0.16 x 0.63	48	GP KDE	A83	576
KDE 16x4-4.2	86381246	White	9016	0.08 – 0.17	0.04 – 0.16	0.16 x 0.63	48	GP KDE	A84	576
KDE 16x4-4.2	86381247	Yellow	1018	0.08 – 0.17	0.04 – 0.16	0.16 x 0.63	48	GP KDE	A85	576

KNC label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labeling of wires. The KNC is made of PC material and has been developed for direct and subsequent marking of cables and wires. No tools required.

Available in three sizes for diameters of 0.08 in to 0.20 in (2,0 – 5,1 mm).

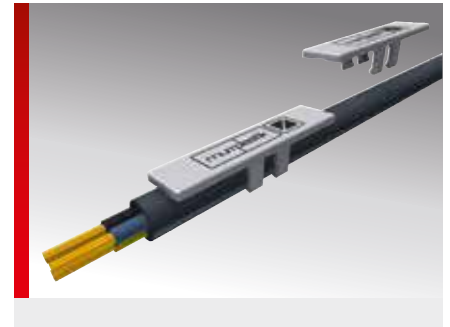
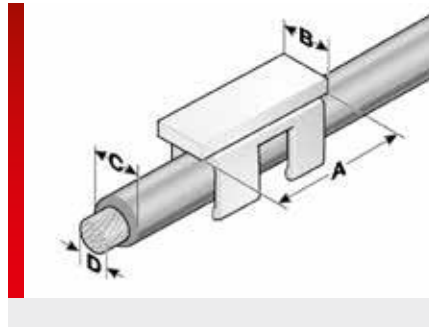
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0

HF

Type	Order No.	Color	Application range from - to Ø in. (C)	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For cable diameters of 0.08 to 0.12 in (2.0 mm to 3.1 mm)										
KNC 4,0/12-2,0	86381912	White	0.08 – 0.12	0.16 x 0.47	0.16 x 0.47	6 / 1	18.00	GP3C	C00	234.00
KNC 4,0/12-2,0	86381942	Yellow	0.08 – 0.12	0.16 x 0.47	0.16 x 0.47	6 / 1	18.00	GP3C	C01	234.00
KNC 4,0/18-2,0	86381914	White	0.08 – 0.12	0.16 x 0.71	0.16 x 0.71	10 / 1	18.00	GP3C	C02	234.00
KNC 4,0/18-2,0	86381944	Yellow	0.08 – 0.12	0.16 x 0.71	0.16 x 0.71	10 / 1	18.00	GP3C	C03	234.00
KNC 4,0/23-2,0	86381916	White	0.08 – 0.12	0.16 x 0.91	0.16 x 0.91	12 / 1	18.00	GP3C	C04	234.00
KNC 4,0/23-2,0	86381946	Yellow	0.08 – 0.12	0.16 x 0.91	0.16 x 0.91	12 / 1	18.00	GP3C	C05	234.00
For cable diameters of 0.12 to 0.16 in (3.0 mm to 4.1 mm)										
KNC 4,8/12-3,0	86381922	White	0.12 – 0.16	0.19 x 0.47	0.19 x 0.47	6 / 1	18.00	GP3C	C06	234.00
KNC 4,8/12-3,0	86381952	Yellow	0.12 – 0.16	0.19 x 0.47	0.19 x 0.47	6 / 1	18.00	GP3C	C07	234.00
KNC 4,8/18-3,0	86381924	White	0.12 – 0.16	0.19 x 0.71	0.19 x 0.71	10 / 1	18.00	GP3C	C08	234.00
KNC 4,8/18-3,0	86381954	Yellow	0.12 – 0.16	0.19 x 0.71	0.19 x 0.71	10 / 1	18.00	GP3C	C09	234.00
KNC 4,8/23-3,0	86381926	White	0.12 – 0.16	0.19 x 0.91	0.19 x 0.91	12 / 1	18.00	GP3C	C10	234.00
KNC 4,8/23-3,0	86381956	Yellow	0.12 – 0.16	0.19 x 0.91	0.19 x 0.91	12 / 1	18.00	GP3C	C11	234.00
For cable diameters of 0.16 to 0.20 in (4.0 mm to 5.1 mm)										
KNC 5,5/12-4,0	86381932	White	0.16 – 0.2	0.22 x 0.47	0.22 x 0.47	6 / 1	18.00	GP3C	C12	234.00
KNC 5,5/12-4,0	86381962	Yellow	0.16 – 0.2	0.22 x 0.47	0.22 x 0.47	6 / 1	18.00	GP3C	C13	234.00
KNC 5,5/18-4,0	86381934	White	0.16 – 0.2	0.22 x 0.71	0.22 x 0.71	10 / 1	18.00	GP3C	C14	234.00
KNC 5,5/18-4,0	86381964	Yellow	0.16 – 0.2	0.22 x 0.71	0.22 x 0.71	10 / 1	18.00	GP3C	C15	234.00
KNC 5,5/23-4,0	86381936	White	0.16 – 0.2	0.22 x 0.91	0.22 x 0.91	12 / 1	18.00	GP3C	C16	234.00
KNC 5,5/23-4,0	86381966	Yellow	0.16 – 0.2	0.22 x 0.91	0.22 x 0.91	12 / 1	18.00	GP3C	C17	234.00

KNQ label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labeling of wires. The KNQ label can be clipped onto wired single cores by hand without prior disconnection. No tools required.

Available in three sizes for wire cross-sections of 0.5 - 6 mm² (AWG 20 – 10).

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line inscription Retrofitting.

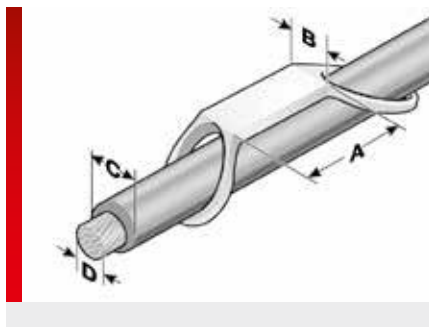


Type	Order No.	Color	RAL equiv.	Application range from - to Ø in. (C)	Wire cross-section from - to in ² (D)	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KNQ 3.8/12-2.0	86381810	White	9016	0.08 – 0.1	0.02 – 0.03	0.15 x 0.47	0.15 x 0.47	6 / 1	48	GP3Q	400	720
KNQ 3.8/18-2.0	86381812	White	9016	0.08 – 0.1	0.02 – 0.03	0.15 x 0.71	0.15 x 0.71	10 / 1	48	GP3Q	401	720
KNQ 3.8/23-2.0	86381814	White	9016	0.08 – 0.1	0.02 – 0.03	0.15 x 0.91	0.15 x 0.91	12 / 1	48	GP3Q	402	720
KNQ 3.8/12-2.5	86381820	White	9016	0.1 – 0.12	0.75 – 1.5	0.15 x 0.47	0.15 x 0.47	6 / 1	48	GP3Q	403	720
KNQ 3.8/18-2.5	86381822	White	9016	0.1 – 0.12	0.75 – 1.5	0.15 x 0.71	0.15 x 0.71	10 / 1	48	GP3Q	404	720
KNQ 3.8/23-2.5	86381824	White	9016	0.1 – 0.12	0.75 – 1.5	0.15 x 0.91	0.15 x 0.91	12 / 1	48	GP3Q	405	720
KNQ 4.8/12-3.0	86381830	White	9016	0.12 – 0.14	1.5 – 2.5	0.19 x 0.47	0.19 x 0.47	6 / 1	48	GP3Q	406	720
KNQ 4.8/18-3.0	86381832	White	9016	0.12 – 0.14	1.5 – 2.5	0.19 x 0.71	0.19 x 0.71	10 / 1	48	GP3Q	407	720
KNQ 4.8/23-3.0	86381834	White	9016	0.12 – 0.14	1.5 – 2.5	0.19 x 0.91	0.19 x 0.91	12 / 1	48	GP3Q	408	720
KNQ 4.8/12-3.5	86381840	White	9016	0.14 – 0.17	0.10 – 0.16	0.19 x 0.47	0.19 x 0.47	6 / 1	48	GP3Q	409	720
KNQ 4.8/18-3.5	86381842	White	9016	0.14 – 0.17	0.10 – 0.16	0.19 x 0.71	0.19 x 0.71	10 / 1	48	GP3Q	410	720
KNQ 4.8/23-3.5	86381844	White	9016	0.14 – 0.17	0.10 – 0.16	0.19 x 0.91	0.19 x 0.91	12 / 1	48	GP3Q	411	720
KNQ 5.5/12-4.2	86381850	White	9016	0.17 – 0.2	0.16 – 0.24	0.22 x 0.47	0.22 x 0.47	6 / 1	48	GP3Q	412	720
KNQ 5.5/18-4.2	86381852	White	9016	0.17 – 0.2	0.16 – 0.24	0.22 x 0.71	0.22 x 0.71	10 / 1	48	GP3Q	413	720
KNQ 5.5/23-4.2	86381854	White	9016	0.17 – 0.2	0.16 – 0.24	0.22 x 0.91	0.22 x 0.91	12 / 1	48	GP3Q	414	720

KNQ installation tool

MW-KNQ 3.8 ass. tool	86381620	Red										1
MW-KNQ 4.8 ass. tool	86381622	Red										1
MW-KNQ 5.5 ass. tool	86381624	Red										1

KSE Label plate



PRODUCT INFORMATION

The KSE label plates are pushed directly onto the single wires.

- Two sizes cover the wire cross sections from 0.25 – 1.5 mm² (AWG 24 – 16).
- Available in white.

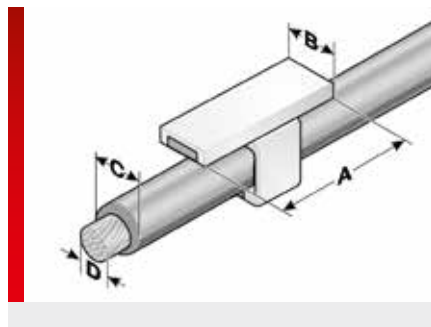
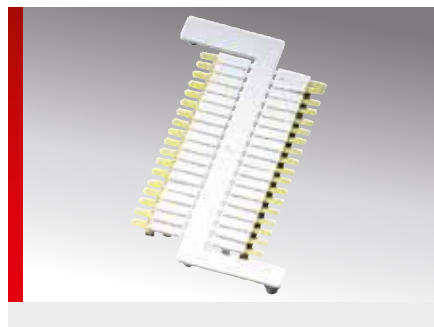
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line inscription

HF

Type	Order No.	Color	RAL equiv.	Application range from - to Ø in. (C)	Wire cross-section from - to in ² (D)	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Usable Label length 0.39 in (10 mm)												
KSE 4/10-0.75	86381010	White	9016	0.06 – 0.1	0.25 – 0.75	0.24 x 0.71	0.16 x 0.39	5 / 1	60.00	GRPD/10	92	1500
KSE 4/10-1.5	86381012	White	9016	0.1 – 0.12	0.75 – 1.5	0.24 x 0.71	0.16 x 0.39	5 / 1	60.00	GRPD/10	93	1500
Usable Label length 0.71 in (18 mm)												
KSE 4/18-1.5	86381014	White	9016	0.1 – 0.12	0.75 – 1.5	0.24 x 1.02	0.16 x 0.71	10 / 1	40.00	GRPD/18	94	1000

KSN Label plate



PRODUCT INFORMATION

High-quality, halogen-free label for subsequent direct labeling of wires. The KSN label plate can be attached to wired single cores without disconnecting them.

They can be fitted easily and quickly with the MW1 assembly tool.

- Available in three sizes for wire cross-sections of 0.5 - 2.5 mm² (AWG 20 - 14).

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line inscription Retrofitting.



Type	Order No.	Color	RAL equiv.	Application range from - to Ø in. (C)	Wire cross-section from - to in ² (D)	Label size in (B / A)	Labeling area inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSN-A	86381410	White	9016	0.08 – 0.1	0.02 – 0.03	0.2 x 0.55	0.2 x 0.55	7 / 1	36	none	12	360
KSN-B	86381412	White	9016	0.1 – 0.12	1.0 – 1.5	0.2 x 0.55	0.2 x 0.55	7 / 1	36	none	13	360
KSN-C	86381414	White	9016	0.12 – 0.15	1.75 – 2.5	0.2 x 0.55	0.2 x 0.55	7 / 1	36	none	14	360

KSN sample set, consisting of 1 each of KSN frame, MW1 installation tools and MPKSN mounting plate

KSN sample set	86391010	Materialtypisch										1
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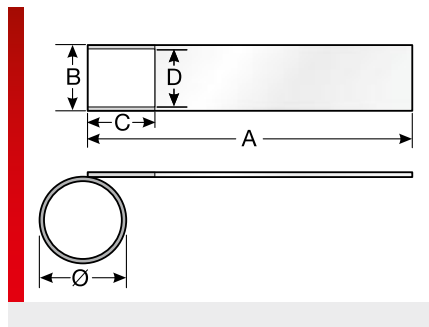
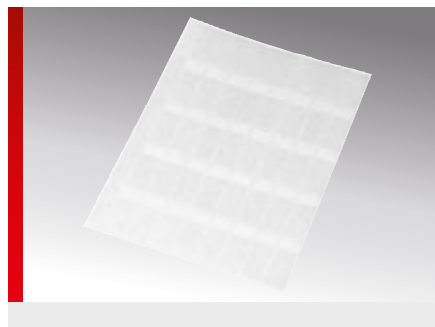
Assembly tool

MW 1	86381610	Materialtypisch										1
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Mounting plate

MPKSN	86381612	Materialtypisch										1
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ESL self-laminating label



PRODUCT INFORMATION

Self-laminating, high-quality polyester sheet labels for single-line and multi-line inscriptions. The transparent extension strip sticks over the printable area and keeps the inscription clean and intact. The grid system allows direct removal of each label.

SPECIFICATIONS

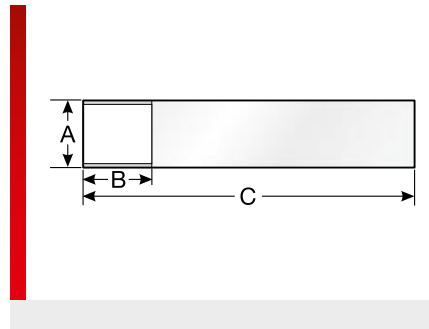
- 40.00 – 302.00 °F
 - Polyester film
 - V0
 - Single-line and multi-line inscription. A4 sheets
-

Type	Order No.	Color	RAL equiv.	Label size in (B / A)	Printable area in (D x C)	No. of columns	No. Per sheet	Software type	Pack qty.
ESL 20x12R ¹⁾	86562450	White	9016	0.47 x 0.79	0.47 x 0.28	13.00	156.00	126	1560
ESL 35x17R ¹⁾	86562452	White	9016	0.67 x 1.38	0.67 x 0.35	10	70.00	124	1400
ESL 56x21R ¹⁾	86562454	White	9016	0.83 x 2.2	0.83 x 0.51	8.00	32.00	113	800
ESL 56x21R ¹⁾	86562460	Yellow	1018	0.83 x 2.2	0.83 x 0.51	8.00	32.00	A41	800
ESL 93x31R ¹⁾	86562456	White	9016	1.22 x 3.66	1.22 x 0.98	5	15	127	300
ESL 140x47R ¹⁾	86562458	White	9016	1.85 x 5.51	1.85 x 1.18	4.00	8.00	125	200

Please note: Labels processed at min. 10°C

¹⁾ Calculation of the maximum application areas: $\emptyset = (A-C) / 3,14$

TES - self-laminating cable tag



PRODUCT INFORMATION

These self-laminating cable tags are ideal for labeling cables, lines and wiring. They provide a printable, colored field on the upper edge and can be removed easily from the backing paper after printing. As an additional protection from external environmental factors, the lettering is wrapped with self-adhesive laminate.

In addition, the backing paper is printed with precisely-dimensioned stripes for optimum sensor detection. The special film is only 0.05 mm thick and is highly flexible and supple. This ensures that the cable tag will






not peel back up, even when used for cables with small diameters. The high-transparency laminate ensures the printed lettering remains easy to read.

TES - Self-laminating cable markers are suitable for

- wire and cable labeling

Suitable for use with pavonis thermal transfer printers and the mp-TM series (with external unwinder).

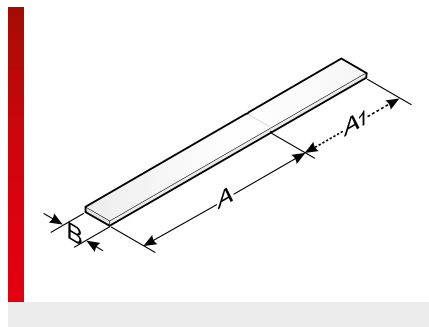
SPECIFICATIONS

	-4.00 – 176.00 °F
	Polyester film
	Label rail with thermal transfer printer Roll core diameter 1 inch
	

Type	Order No.	Color	Label size in. (A x B)	Holder length in. (C)	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
TES 14x6x22 ¹⁾	86498101	White	0.55 x 0.24	0.87	4.02	FHW 110mm x 300m	N46	14000
TES 20x8x32 ¹⁾	86498102	White	0.79 x 0.31	1.26	4.09	FHW 110mm x 300m	N47	10000
TES 20x8x32 ¹⁾	86498302	Yellow	0.79 x 0.31	1.26	4.09	FHW 110mm x 300m	O47	10000
TES 25x13x43 ¹⁾	86498104	White	0.98 x 0.51	1.69	4.09	FHW 110mm x 300m	N49	6000
TES 25x13x43 ¹⁾	86498304	Yellow	0.98 x 0.51	1.69	4.09	FHW 110mm x 300m	O49	6000
TES 25x14x35 ¹⁾	86498103	White	0.98 x 0.55	1.38	4.09	FHW 110mm x 300m	N48	10000
TES 25x17x70 ¹⁾	86498105	White	0.98 x 0.67	2.76	4.13	FHW 110mm x 300m	N50	4000
TES 25x17x70 ¹⁾	86498305	Yellow	0.98 x 0.67	2.76	4.13	FHW 110mm x 300m	O50	4000
TES 25x25x70 ¹⁾	86498106	White	0.98 x 0.98	2.76	4.13	FHW 110mm x 300m	N51	4000
TES 34x17x70 ¹⁾	86498107	White	1.34 x 0.67	2.76	4.13	FHW 110mm x 300m	N52	v
TES 34x26x100 ¹⁾	86498108	White	1.34 x 1.02	3.94	4.17	FHW 110mm x 300m	N53	2000
TES 34x26x100 ¹⁾	86498308	Yellow	1.34 x 1.02	3.94	4.17	FHW 110mm x 300m	O53	2000
TES 34x32x150 ¹⁾	86498109	White	1.34 x 1.26	5.91	4.17	FHW 110mm x 300m	N54	2000
TES 34x32x150 ¹⁾	86498309	Yellow	1.34 x 1.26	5.91	4.17	FHW 110mm x 300m	O54	2000

¹⁾ Calculation of the maximum application areas: $\emptyset = (A-C) / 3,14$

KCE-ECO single wire labeling



PRODUCT INFORMATION

The KCE-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they can be used as an alternative to the PC labels in the KS series.

Each of the individual labels is 0.16 in (4 mm) wide and available in lengths of 0.47 in, 0.71 in, 0.91 in or 1.18 in (12 mm, 18 mm, 23 mm or 30 mm).

In addition to the label length, there is a 0.39 in (10 mm) section for bending, which can also be used to print additional information.

The plate is bent by 180° at the bending point and pushed into the sleeve, where it is then held in place by bracing.

Suitable for mp-TM series thermal transfer printers.

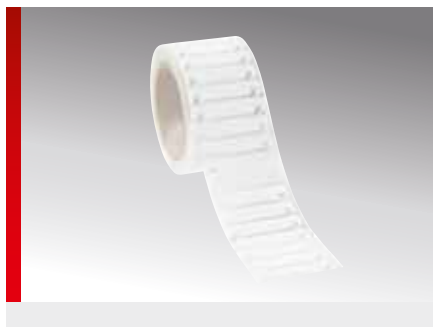
SPECIFICATIONS

- 40.00 – 194.00 °F
- Polyethylene (PE)
- Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
- High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
KCE-ECO 4x12	86513000	White	0.47 x 0.16	4.09	FB-TM 110 mm x 300 m	QA0	10000
KCE-ECO 4x18	86513001	White	0.71 x 0.16	4.09	FB-TM 110 mm x 300 m	QA1	10000
KCE-ECO 4x23	86513002	White	0.91 x 0.16	4.09	FB-TM 110 mm x 300 m	QA2	10000
KCE-ECO 4x30	86513003	White	1.18 x 0.16	4.09	FB-TM 110 mm x 300 m	QA3	10000

KCM-ECO manual cable labeling



PRODUCT INFORMATION

The KCM-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core. The KCM-ECO plates are used for subsequent labeling of cables and thicker wires with labels and cable ties.

The special feature of the KCM-ECO label plates is the eyelet open on one side for faster feed-through of the cable tie. The cable tie only has to be threaded in on one side.

KCM-ECO label plates for subsequent manual cable labeling are available in sizes 2.36 in x 0.47 in (60x12 mm and 75x15 mm) in white or yellow.

Suitable for mp-TM series thermal transfer printers.

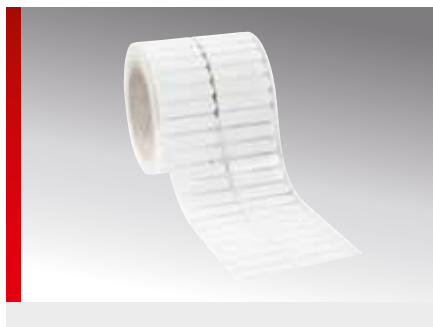
SPECIFICATIONS

- 40.00 – 194.00 °F
- Polyethylene (PE)
- Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
- High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
KCM-ECO 60x12	86513301	White	2.36 x 0.47	2.60	FB-TM 110 mm x 300 m	QE1	1000
KCM-ECO 60x12	86513351	Yellow	2.36 x 0.47	2.60	FB-TM 110 mm x 300 m	QE6	1000
KCM-ECO 75x15	86513300	White	2.95 x 0.59	3.19	FB-TM 110 mm x 300 m	QE0	1000
KCM-ECO 75x15	86513350	Yellow	2.95 x 0.59	3.19	FB-TM 110 mm x 300 m	QE5	1000

KCL-ECO line labeling






PRODUCT INFORMATION

The KCL-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they are used for direct wire and cable labelling.

KCL-ECO label plates for wire and cable labelling are available in various sizes for cable diameters of 0.03 in to 0.28 in (0.75 mm to 7 mm) in white or yellow.

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40.00 – 194.00 °F
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Color	Label size length x width inch	Application range from - to Ø mm	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
KCL-ECO 28x5.5	86513400	White	1.1 x 0.22	0.03 – 0.09	3.78	FB-TM 110 mm x 300 m	QF0	3000
KCL-ECO 28x5.5	86513450	Yellow	1.1 x 0.22	0.03 – 0.09	3.78	FB-TM 110 mm x 300 m	QG0	3000
KCL-ECO 34x6.5	86513401	White	1.34 x 0.26	0.08 – 0.14	3.03	FB-TM 110 mm x 300 m	QF1	3000
KCL-ECO 34x6.5	86513451	Yellow	1.34 x 0.26	0.08 – 0.14	3.03	FB-TM 110 mm x 300 m	QG1	3000
KCL-ECO 38x7.5	86513402	White	1.5 x 0.3	0.12 – 0.18	3.35	FB-TM 110 mm x 300 m	QF2	3000
KCL-ECO 38x7.5	86513452	Yellow	1.5 x 0.3	0.12 – 0.18	3.35	FB-TM 110 mm x 300 m	QG2	3000
KCL-ECO 39x8.5	86513403	White	1.54 x 0.33	0.16 – 0.22	3.43	FB-TM 110 mm x 300 m	QF3	3000
KCL-ECO 39x8.5	86513453	Yellow	1.54 x 0.33	0.16 – 0.22	3.43	FB-TM 110 mm x 300 m	QG3	3000
KCL-ECO 47x10	86513404	White	1.85 x 0.39	0.2 – 0.28	4.06	FB-TM 110 mm x 300 m	QF4	3000
KCL-ECO 47x10	86513454	Yellow	1.85 x 0.39	0.2 – 0.28	4.06	FB-TM 110 mm x 300 m	QG4	3000

KCB-ECO cable tie labeling





PRODUCT INFORMATION

The KCB-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they are used for subsequent labelling of wires and cables with diameters starting at 7 mm.

KCB-ECO label plates are available in sizes 0.93 in x 0.75 in (23.5x19 mm) and 1.38 in x 1.02 in (35x26 mm) in white or yellow. Fastened with cable ties.

Suitable for mp-TM series thermal transfer printers.

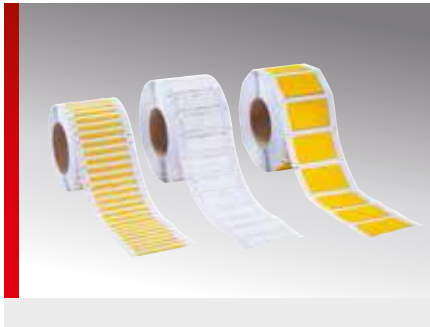
SPECIFICATIONS

-  -40.00 – 194.00 °F
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS



Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
KCB-ECO 23.5x19	86513500	White	0.93 x 0.75	3.25	FB-TM 110 mm x 300 m	QH0	2000
KCB-ECO 23.5x19	86513550	Yellow	0.93 x 0.75	3.25	FB-TM 110 mm x 300 m	QI0	2000
KCB-ECO 35x26	86513501	White	1.38 x 1.02	3.11	FB-TM 110 mm x 300 m	QH1	2000
KCB-ECO 35x26	86513551	Yellow	1.38 x 1.02	3.11	FB-TM 110 mm x 300 m	QI1	2000

ST-BT-H Rail technology, taped



PRODUCT INFORMATION

Polyolefine (PO) heat-shrink conduit, type ST-BT-H

Halogen-free Polyolefine heat-shrink conduit for labeling cables, with excellent properties for use with the thermal transfer method. This conduit, with its special approvals, is particularly suitable for applications in the fields of air and rail transport, marine, off-shore and tunnel construction.

The pre-perforated ST-BT-H 20/12 heat-shrink conduit is divided into a 0.79 in (20 mm) long section for cable identification and a 0.47 in (12 mm) long section, which contains information to simplify wiring the circuits. This section can be discarded after the circuit is wired. This method helps to significantly reduce the processing time

Properties

- Excellent printing properties
- Flat-rolled for thermal transfer method printing
- Halogen-free, thin-walled
- Shrink ratio of 2:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)

- Vehicle category 1a according to BS 6853 (1999)
- Fire resistance ASTM D 635-HB
- Shrink temperature >194 °F
- Application temperature -67 °F to +221 °F

Standards

ASTM D 635-HB flammability
Boeing BSS 7239, formation of toxic gases during M7 material incineration





Rail standards

EN 45545-2 Tier 3x HL3 (R22)
BS6853 (1999) vehicle category 1a
UNI CEI 11170-3 Tier LR4
DIN 5510-2 Annex C Low Smoke Toxicity
DIN 5510-2 Drip Class ST2
DIN 5510-2 Smoke Formation Tier SR2

Printer ribbon

The matching printer ribbon is listed under "Labeling System" in the "Thermal Transfer System" section with "Consumables".

SPECIFICATIONS

	-67.00 – 221 °F
	Polyolefin
	ASTM D 635-HB
	Heat-shrink conduit for railway technology; meets railway standard EN 45545-2 Tier 3x HL3 (R22)



Type	Order No.	Color	Marker length inch	Flat area inch	Max. wire cross section inch	Shrinkage area from – to Ø mm	Recommended printer ribbon	Software type	Pack qty.
Railway technology, taped, marking length 20 mm, with 12 mm printable info section									
ST-BT-H 20/12-3,2	86531100	White	0.79	0.24	0.13	0.13 – 0.06	FB-BT 80mm x 300m	A70	2000
ST-BT-H 20/12-3,2	86532100	Yellow	0.79	0.24	0.13	0.13 – 0.06	FB-BT 80mm x 300m	A74	2000
ST-BT-H 20/12-4,8	86531101	White	0.79	0.33	0.19	0.19 – 0.09	FB-BT 80mm x 300m	A71	2000
ST-BT-H 20/12-4,8	86532101	Yellow	0.79	0.33	0.19	0.19 – 0.09	FB-BT 80mm x 300m	A75	2000
ST-BT-H 20/12-12,7	86531102	White	0.79	0.82	0.50	0.5 – 0.25	FB-BT 80mm x 300m	A72	1000
ST-BT-H 20/12-12,7	86532102	Yellow	0.79	0.82	0.50	0.5 – 0.25	FB-BT 80mm x 300m	A76	1000
ST-BT-H 20/12-25,4	86531103	White	0.79	1.59	1	1.0 – 0.5	FB-BT 80mm x 300m	A73	600
ST-BT-H 20/12-25,4	86532103	Yellow	0.79	1.59	1	1.0 – 0.5	FB-BT 80mm x 300m	A77	600
Railway technology, taped, marking length 20 mm, with 12 mm printable info section (max-size roll)									
ST-BT-H 20/12-3,2	86531000	White	0.79	0.24	0.13	0.13 – 0.06	FB-BT 80mm x 300m	A70	20000
ST-BT-H 20/12-3,2	86532000	Yellow	0.79	0.24	0.13	0.13 – 0.06	FB-BT 80mm x 300m	A74	20000

ST-BT-H rail technology, continuous



PRODUCT INFORMATION

Polyolefine (PO) heat-shrink conduit, type ST-BT-H Continuous

Halogen-free Polyolefine heat-shrink conduit for labeling cables, with excellent properties for use with the thermal transfer method. This conduit, with its special approvals, is particularly suitable for applications in the fields of air and rail transport, marine, off-shore and tunnel construction.

Properties

- Excellent printing properties
- Flat-rolled for thermal transfer method printing
- Halogen-free, thin-walled
- Shrink ratio of 2:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
- Vehicle category 1a according to BS 6853 (1999)
- Fire resistance ASTM D 635-HB

- Shrink temperature >194 °F
- Application temperature -67 °F to +221 °F

Standards

ASTM D 635-HB flammability
Boeing BSS 7239, formation of toxic gases during M7 material incineration

Rail standards

EN 45545-2 Tier 3x HL3 (R22)
BS6853 (1999) vehicle category 1a
UNI CEI 11170-3 Tier LR4
DIN 5510-2 Annex C Low Smoke Toxicity
DIN 5510-2 Drip Class ST2
DIN 5510-2 Smoke Formation Tier SR2

Printer ribbon

The matching printer ribbon is listed under "Labeling System" in the "Thermal Transfer System" section with "Consumables".

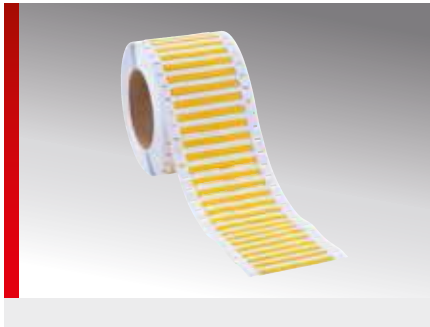
SPECIFICATIONS

	-67.00 – 221 °F		
	Polyolefin		
	ASTM D 635-HB		
	Heat-shrink conduit for railway technology; meets railway standard EN 45545-2 Tier 3x HL3 (R22)		

Type	Order No.	Color	Flat area inch	Max. wire cross section inch	Shrinkage area from – to Ø mm	Recommended printer ribbon	Software type	Pack qty.
Continuous roll ware; 22 m roll¹⁾								
ST-BT-H 2,4 - 22m ¹⁾	86533300	White	0.17	0.09	0.09 – 0.05	FB-BT 40mm x 300m	AB7	22
ST-BT-H 3,2 - 22m ¹⁾	86533301	White	0.24	0.13	0.13 – 0.06	FB-BT 40mm x 300m	AB8	22
ST-BT-H 4,8 - 22m ¹⁾	86533302	White	0.33	0.19	0.19 – 0.09	FB-BT 40mm x 300m	AB0	22

¹⁾Information about packaging unit = roll length (m)

ST-ECO taped



PRODUCT INFORMATION

Polyolefine (PO) heat-shrink conduit, type ST-ECO

Flat, thin-walled heat-shrink conduit. Flame retardant i.a.w. UL224. Shrink ratio 3:1. Particularly well-suited for use in labeling and identification processes.

Properties

- Excellent printing results
- Very good chemical, physical and electrical properties
- Greatly flame retardant in accordance with UL224
- Ready to use with thermal transfer printers




- Shrink ratio of 3:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
- Shrink temperature >194 °F
- Application temperature -67 °C to +275 °C



Standard colors: White, yellow
Available upon request: Blue, red, green

Printer ribbon

The matching printer ribbon is listed under "Labeling System" in the "Thermal Transfer System" section with "Consumables".

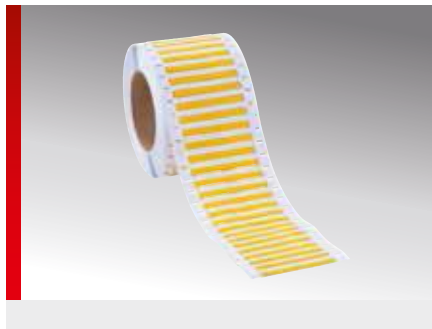
SPECIFICATIONS

-  -67.00 – 275 °F
-  Polyolefin
-  Highly flame retardant in accordance with UL 224/CSA
-  Taped ECO heat-shrink conduits

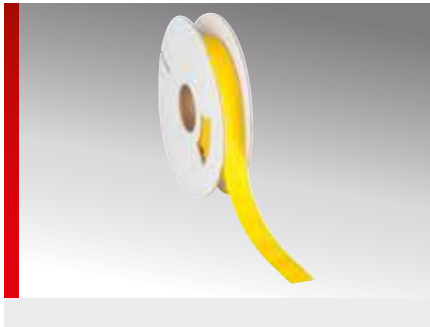
Type	Order No.	Color	Marker length inch	Flat area inch	Max. wire cross section inch	Shrinkage area from – to Ø mm	Recommended printer ribbon	Software type	Pack qty.
Roll material taped, marker length 16 mm (1.25 in)									
ST-ECO 16-2.4	86531200	White	0.63	0.17	0.09	0.09 – 0.03	FHW 100mm x 300m	AAA	4000
ST-ECO 16-2.4	86532200	Yellow	0.63	0.17	0.09	0.09 – 0.03	FHW 100mm x 300m	ABA	4000
ST-ECO 16-3.2	86531201	White	0.63	0.22	0.13	0.13 – 0.04	FHW 100mm x 300m	AAB	4000
ST-ECO 16-3.2	86532201	Yellow	0.63	0.22	0.13	0.13 – 0.04	FHW 100mm x 300m	ABB	4000
ST-ECO 16-4.8	86531202	White	0.63	0.30	0.19	0.19 – 0.06	FHW 100mm x 300m	AAC	4000
ST-ECO 16-4.8	86532202	Yellow	0.63	0.30	0.19	0.19 – 0.06	FHW 100mm x 300m	ABC	4000
Roll material taped, marker length 32 mm (1.25 in)									
ST-ECO 32-2.4	86531203	White	1.26	0.17	0.09	0.09 – 0.03	FHW 100mm x 300m	AAD	2000
ST-ECO 32-2.4	86532203	Yellow	1.26	0.17	0.09	0.09 – 0.03	FHW 100mm x 300m	ABD	2000
ST-ECO 32-3.2	86531204	White	1.26	0.22	0.13	0.13 – 0.04	FHW 100mm x 300m	AAE	2000
ST-ECO 32-3.2	86532204	Yellow	1.26	0.22	0.13	0.13 – 0.04	FHW 100mm x 300m	ABE	2000
ST-ECO 32-4.8	86531205	White	1.26	0.30	0.19	0.19 – 0.06	FHW 100mm x 300m	AAF	2000
ST-ECO 32-4.8	86532205	Yellow	1.26	0.30	0.19	0.19 – 0.06	FHW 100mm x 300m	ABF	2000
ST-ECO 32-6.4	86531206	White	1.26	0.42	0.25	0.25 – 0.08	FHW 100mm x 300m	AAG	2000
ST-ECO 32-6.4	86532206	Yellow	1.26	0.42	0.25	0.25 – 0.08	FHW 100mm x 300m	ABG	2000
ST-ECO 32-9.5	86531207	White	1.26	0.59	0.37	0.37 – 0.13	FHW 100mm x 300m	AAH	1000
ST-ECO 32-9.5	86532207	Yellow	1.26	0.59	0.37	0.37 – 0.13	FHW 100mm x 300m	ABH	1000
Roll material taped, marker length 64 mm (1.25 in)									
ST-ECO 64-2.4	86531208	White	2.52	0.17	0.09	0.09 – 0.03	FHW 100mm x 300m	AAI	1000

ST-ECO taped (Continued...)



Type	Order No.	Color	Marker length inch	Flat area inch	Max. wire cross section inch	Shrinkage area from – to Ø mm	Recommended printer ribbon	Software type	Pack qty.
ST-ECO 64-2.4	86532208	Yellow	2.52	0.17	0.09	0.09 – 0.03	FHW 100mm x 300m	ABI	1000
ST-ECO 64-3.2	86531209	White	2.52	0.22	0.13	0.13 – 0.04	FHW 100mm x 300m	AAJ	1000
ST-ECO 64-3.2	86532209	Yellow	2.52	0.22	0.13	0.13 – 0.04	FHW 100mm x 300m	ABJ	1000
ST-ECO 64-4.8	86531210	White	2.52	0.30	0.19	0.19 – 0.06	FHW 100mm x 300m	AAK	1000
ST-ECO 64-4.8	86532210	Yellow	2.52	0.30	0.19	0.19 – 0.06	FHW 100mm x 300m	ABK	1000
ST-ECO 64-6.4	86531211	White	2.52	0.42	0.25	0.25 – 0.08	FHW 100mm x 300m	AAL	1000
ST-ECO 64-6.4	86532211	Yellow	2.52	0.42	0.25	0.25 – 0.08	FHW 100mm x 300m	ABL	1000
ST-ECO 64-9.5	86531212	White	2.52	0.59	0.37	0.37 – 0.13	FHW 100mm x 300m	AAM	500
ST-ECO 64-9.5	86532212	Yellow	2.52	0.59	0.37	0.37 – 0.13	FHW 100mm x 300m	ABM	500
ST-ECO 64-12.7	86531213	White	2.52	0.82	0.50	0.50 – 0.17	FHW 100mm x 300m	AAN	500
ST-ECO 64-12.7	86532213	Yellow	2.52	0.82	0.50	0.50 – 0.17	FHW 100mm x 300m	ABN	500
ST-ECO 64-19.1	86531214	White	2.52	1.22	0.75	0.75 – 0.25	FHW 100mm x 300m	AAO	500
ST-ECO 64-19.1	86532214	Yellow	2.52	1.22	0.75	0.75 – 0.25	FHW 100mm x 300m	ABO	500
ST-ECO 64-25.4	86531215	White	2.52	1.59	1	1 – 0.33	FHW 100mm x 300m	AAP	300
ST-ECO 64-25.4	86532215	Yellow	2.52	1.59	1	1 – 0.33	FHW 100mm x 300m	ABP	300
ST-ECO 64-38.1	86531216	White	2.52	2.38	1.50	1.50 – 0.50	FHW 100mm x 300m	AAQ	100
ST-ECO 64-38.1	86532216	Yellow	2.52	2.38	1.50	1.50 – 0.50	FHW 100mm x 300m	ABQ	100

ST-ECO continuous



PRODUCT INFORMATION

Continuous-feed Polyolefine heat-shrink conduit, type ST-ECO

Flat, continuous-feed heat-shrink conduit for labeling cables with excellent properties for the thermal transfer method.

This heat-shrink conduit is particularly suitable for applications in the fields of switching cabinet construction, shipbuilding and the labeling of wiring harnesses.

Properties

- Excellent printing results
- Very good chemical, physical and electrical properties
- Greatly flame retardant in accordance with UL224/CSA
- Ready to use with thermal transfer printers





- Shrink ratio of 3:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
- Heat-shrink conduit may be any length
- Shrink temperature >194 °F
- Application temperature -67 °C to +275 °C

Standard colors: White, yellow
Available upon request: Blue, red, green

Printer ribbon

The matching printer ribbon is listed under "Labeling System" in the "Thermal Transfer System" section with "Consumables".

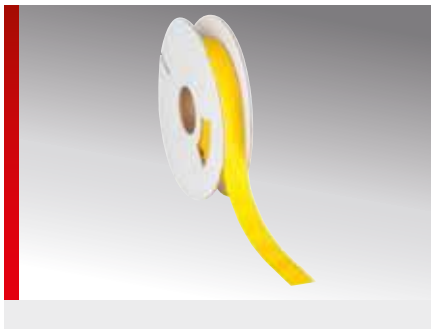
SPECIFICATIONS

	-67.00 – 275 °F
	Polyolefin
	Highly flame retardant in accordance with UL 224/CSA
	Continuous ECO heat-shrink conduits



Type	Order No.	Color	Flat area inch	Max. wire cross section inch	Shrinkage area from – to Ø mm	Recommended printer ribbon	Software type	Pack qty.
Continuous roll ware; 39,37 ft (12 m) roll¹⁾								
ST-ECO 4.8 - 12m ¹⁾	86531300	White	0.30	0.19	0.19 – 0.06	FHW 40mm x 300m	AA0	12
ST-ECO 4.8 - 12m ¹⁾	86532300	Yellow	0.30	0.19	0.19 – 0.06	FHW 40mm x 300m	AB0	12
ST-ECO 6.4 - 12m ¹⁾	86531301	White	0.42	0.25	0.25 – 0.08	FHW 40mm x 300m	AA1	12
ST-ECO 6.4 - 12m ¹⁾	86532301	Yellow	0.42	0.25	0.25 – 0.08	FHW 40mm x 300m	AB1	12
ST-ECO 9.5 - 12m ¹⁾	86531302	White	0.59	0.37	0.37 – 0.13	FHW 40mm x 300m	AA2	12
ST-ECO 9.5 - 12m ¹⁾	86532302	Yellow	0.59	0.37	0.37 – 0.13	FHW 40mm x 300m	AB2	12
ST-ECO 12.7 - 12m ¹⁾	86531303	White	0.82	0.50	0.50 – 0.17	FHW 40mm x 300m	AA3	12
ST-ECO 12.7 - 12m ¹⁾	86532303	Yellow	0.82	0.50	0.50 – 0.17	FHW 40mm x 300m	AB3	12
Continuous roll ware; 29.53 ft (9 m) roll¹⁾								
ST-ECO 19.1 - 9m ¹⁾	86531304	White	1.22	0.75	0.75 – 0.25	FHW 40mm x 300m	AA4	6
ST-ECO 19.1 - 9m ¹⁾	86532304	Yellow	1.22	0.75	0.75 – 0.25	FHW 40mm x 300m	AB4	6
ST-ECO 25.4 - 9m ¹⁾	86531305	White	1.59	1	1 – 0.33	FHW 40mm x 300m	AA5	6
ST-ECO 25.4 - 9m ¹⁾	86532305	Yellow	1.59	1	1 – 0.33	FHW 40mm x 300m	AB5	6
ST-ECO 38.1 - 9m ¹⁾	86531306	White	2.38	1.50	1.50 – 0.50	FHW 40mm x 300m	AA6	6
ST-ECO 38.1 - 9m ¹⁾	86532306	Yellow	2.38	1.50	1.50 – 0.50	FHW 40mm x 300m	AB6	6
Continuous roll ware; 328 ft (100 m) roll¹⁾								
ST-ECO 4.8 - 100m ¹⁾	86532310	Yellow	0.30	0.19	0.19 – 0.06	FHW 40mm x 300m	AB0	100

ST-ECO continuous (Continued...)



Type	Order No.	Color	Flat area inch	Max. wire cross section inch	Shrinkage area from – to Ø mm	Recommended printer ribbon	Software type	Pack qty.
ST-ECO 6.4 - 100m ¹⁾	86532311	Yellow	0.42	0.25	0.25 – 0.08	FHW 40mm x 300m	AB1	100
ST-ECO 9.5 - 100m ¹⁾	86531310	White	0.59	0.37	0.37 – 0.13	FHW 40mm x 300m	AA2	100
ST-ECO 9.5 - 100m ¹⁾	86532312	Yellow	0.59	0.37	0.37 – 0.13	FHW 40mm x 300m	AB2	100
ST-ECO 12.7 - 100m ¹⁾	86532313	Yellow	0.82	0.50	0.50 – 0.17	FHW 40mm x 300m	AB3	100

¹⁾Information about packaging unit = roll length (m)

Continuous heat-shrink conduit



PRODUCT INFORMATION

Heat shrink tubes are not inscribable. They serve:

- To protect against moisture
- To protect against pollution

Shrinking by supply of heat.
Available in dispenser boxes in different colors and sizes.

SPECIFICATIONS

	-67.00 – 275 °F
	Polyolefin
	Highly flame retardant in accordance with UL 224 – VW-1
	Not intended for labeling Roll ware / strip material
	
	
	

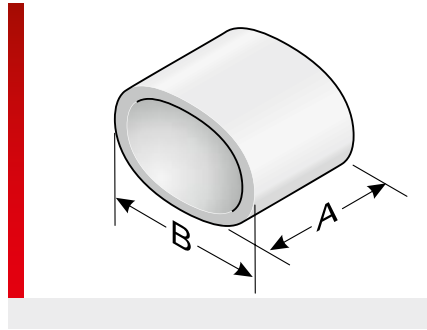
Type	Order No.	Color	Max. wire cross section inch	Shrinkage area from – to Ø mm	Pack qty.
Continuous roll ware; 15 m roll					
HSD-T2 Box 1,6/0,8 - 15m	88861100	Red	0.06	0.06 – 0.03	1
HSD-T2 Box 1,6/0,8 - 15m	88861200	Blue	0.06	0.06 – 0.03	1
HSD-T2 Box 1,6/0,8 - 15m	88861300	Green / Yellow	0.06	0.06 – 0.03	1
HSD-T2 Box 1,6/0,8 - 15m	88861000	Black	0.06	0.06 – 0.03	1
HSD-T2 Box 2,4/1,2 - 15m	88861101	Red	0.09	0.09 – 0.05	1
HSD-T2 Box 2,4/1,2 - 15m	88861201	Blue	0.09	0.09 – 0.05	1
HSD-T2 Box 2,4/1,2 - 15m	88861301	Green / Yellow	0.09	0.09 – 0.05	1
HSD-T2 Box 2,4/1,2 - 15m	88861001	Black	0.09	0.09 – 0.05	1
Continuous roll ware; 10 m roll					
HSD-T2 Box 12,7/6,4 - 10m	88861106	Red	0.50	0.5 – 0.25	1
HSD-T2 Box 12,7/6,4 - 10m	88861206	Blue	0.50	0.5 – 0.25	1
HSD-T2 Box 12,7/6,4 - 10m	88861306	Green / Yellow	0.50	0.5 – 0.25	1
HSD-T2 Box 12,7/6,4 - 10m	88861006	Black	0.50	0.5 – 0.25	1
HSD-T2 Box 0.13/1,6 - 10m	88861102	Red	0.13	0.13 – 0.06	1
HSD-T2 Box 0.13/1,6 - 10m	88861202	Blue	0.13	0.13 – 0.06	1
HSD-T2 Box 0.13/1,6 - 10m	88861302	Green / Yellow	0.13	0.13 – 0.06	1
HSD-T2 Box 0.13/1,6 - 10m	88861002	Black	0.13	0.13 – 0.06	1
HSD-T2 Box 4,8/2,4 - 10m	88861103	Red	0.19	0.19 – 0.09	1
HSD-T2 Box 4,8/2,4 - 10m	88861203	Blue	0.19	0.19 – 0.09	1
HSD-T2 Box 4,8/2,4 - 10m	88861303	Green / Yellow	0.19	0.19 – 0.09	1
HSD-T2 Box 4,8/2,4 - 10m	88861003	Black	0.19	0.19 – 0.09	1
HSD-T2 Box 6,4/3,2 - 10m	88861104	Red	0.25	0.25 – 0.13	1
HSD-T2 Box 6,4/3,2 - 10m	88861204	Blue	0.25	0.25 – 0.13	1

Continuous heat-shrink conduit (Continued...)



Type	Order No.	Color	Max. wire cross section inch	Shrinkage area from – to Ø mm	Pack qty.
HSD-T2 Box 6,4/3,2 - 10m	88861304	Green / Yellow	0.25	0.25 – 0.13	1
HSD-T2 Box 6,4/3,2 - 10m	88861004	Black	0.25	0.25 – 0.13	1
HSD-T2 Box 9,5/4,8 - 10m	88861105	Red	0.37	0.37 – 0.19	1
HSD-T2 Box 9,5/4,8 - 10m	88861205	Blue	0.37	0.37 – 0.19	1
HSD-T2 Box 9,5/4,8 - 10m	88861305	Green / Yellow	0.37	0.37 – 0.19	1
HSD-T2 Box 9,5/4,8 - 10m	88861005	Black	0.37	0.37 – 0.19	1
Continuous roll ware; 5 m roll					
HSD-T2 Box 19,1/9,5 - 5m	88861107	Red	0.75	0.75 – 0.37	1
HSD-T2 Box 19,1/9,5 - 5m	88861207	Blue	0.75	0.75 – 0.37	1
HSD-T2 Box 19,1/9,5 - 5m	88861307	Green / Yellow	0.75	0.75 – 0.37	1
HSD-T2 Box 19,1/9,5 - 5m	88861007	Black	0.75	0.75 – 0.37	1
Continuous roll ware; 3 m roll					
HSD-T2 Box 25,4/12,7 - 3m	88861108	Red	1	1.0 – 0.5	1
HSD-T2 Box 25,4/12,7 - 3m	88861208	Blue	1	1.0 – 0.5	1
HSD-T2 Box 25,4/12,7 - 3m	88861308	Green / Yellow	1	1.0 – 0.5	1
HSD-T2 Box 25,4/12,7 - 3m	88861008	Black	1	1.0 – 0.5	1

BK 23 idents white



PRODUCT INFORMATION

Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 23: Label width 0.09 in (2.3 mm) (A); Label height 0.16 in (4.0 mm) (B) Font width 0.06 in (1.6 mm); font height 0.14 in (3.5 mm); black lettering

Suitable for KT*-, KTH*-, and KTH/Q* sleeves, as well as KM*-, KKM*-, KMH*-, KMH/Q*-, and KTN* label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

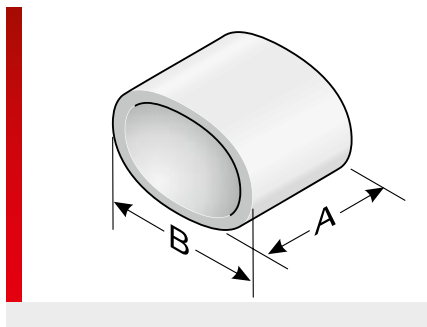
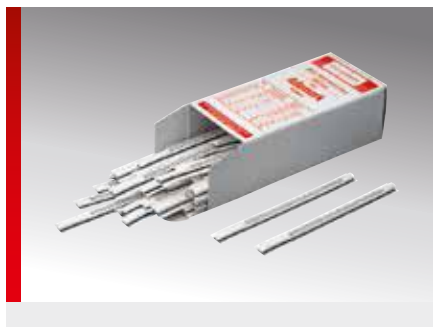
SPECIFICATIONS

- 22.00 – 176.00 °F
- Polyvinyl chloride (PVC)
- V0
- Holder frame AK is recommended for mounting.
- MZ assembly aid, available in various sizes.



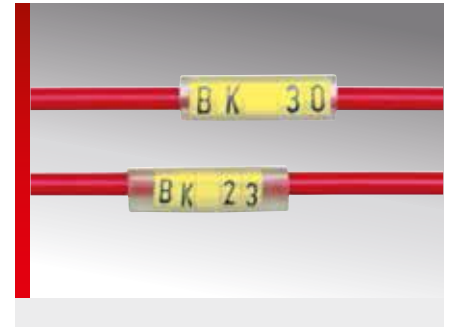
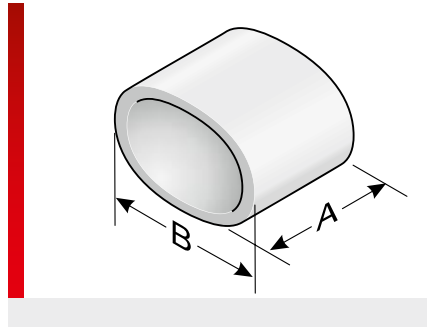
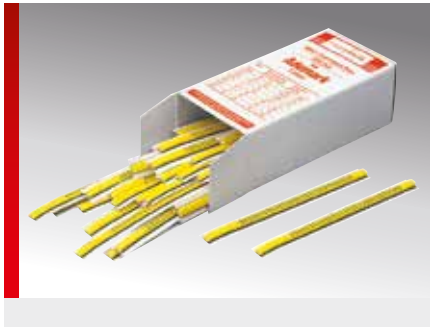
Type	Order No.	Color	Pack qty.
Upper case letters			
A	86131811	White	1000
B	86131812	White	1000
C	86131813	White	1000
D	86131814	White	1000
E	86131815	White	1000
F	86131816	White	1000
G	86131817	White	1000
H	86131818	White	1000
I	86131819	White	1000
J	86131820	White	1000
K	86131821	White	1000
L	86131822	White	1000
M	86131823	White	1000
N	86131824	White	1000
O	86131825	White	1000
P	86131826	White	1000
Q	86131827	White	1000
R	86131828	White	1000
S	86131829	White	1000
T	86131830	White	1000
U	86131831	White	1000
V	86131832	White	1000
W	86131833	White	1000

BK 23 idents white (Continued...)



Type	Order No.	Color	Pack qty.
X	86131834	White	1000
Y	86131835	White	1000
Z	86131836	White	1000
Lower case letters			
a	86131837	White	1000
b	86131838	White	1000
c	86131839	White	1000
d	86131840	White	1000
e	86131841	White	1000
f	86131842	White	1000
g	86131843	White	1000
h	86131844	White	1000
i	86131845	White	1000
j	86131846	White	1000
k	86131847	White	1000
l	86131848	White	1000
m	86131849	White	1000
n	86131850	White	1000
o	86131851	White	1000
p	86131852	White	1000
q	86131853	White	1000
r	86131854	White	1000
s	86131855	White	1000
t	86131856	White	1000
u	86131857	White	1000
v	86131858	White	1000
w	86131859	White	1000
x	86131860	White	1000
y	86131861	White	1000
z	86131862	White	1000
Numbers			
0	86131810	White	1000
1	86131877	White	1000
2	86131878	White	1000
3	86131879	White	1000
4	86131880	White	1000

BK 23 idents yellow



PRODUCT INFORMATION






Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 23: Label width 0.09 in (2.3 mm) (A); Label height 0.16 in (4.0 mm) (B) Font width 0.06 in (1.6 mm); font height 0.14 in (3.5 mm); black lettering

Suitable for KT^{*}-, KTH^{*}- and KTH/Q^{*} sleeves, as well as KM^{*}-, KKM^{*}-, KMH^{*}-, KMH/Q^{*}- and KTN^{*} label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

SPECIFICATIONS

-  -22.00 – 176.00 °F
-  Polyvinyl chloride (PVC)
-  V0
-  Holder frame AK is recommended for mounting.
-  MZ assembly aid, available in various sizes.

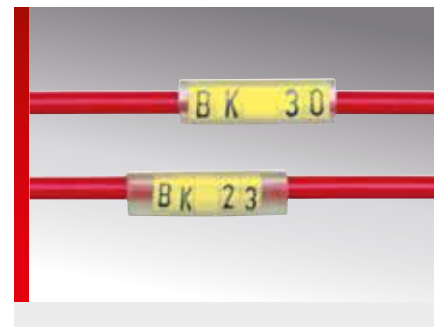
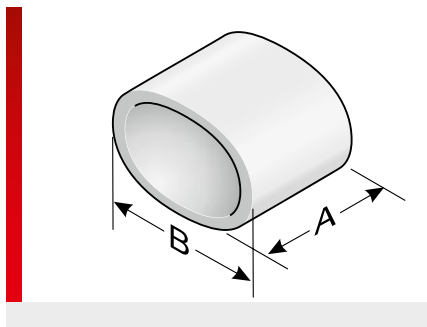
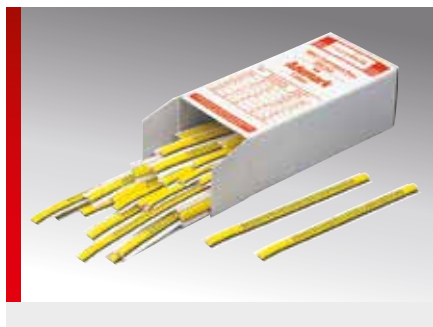


Type	Order No.	Color	Pack qty.
Upper case letters			
A	86132012	Yellow	1000
B	86132014	Yellow	1000
C	86132016	Yellow	1000
D	86132018	Yellow	1000
E	86132020	Yellow	1000
F	86132022	Yellow	1000
G	86132024	Yellow	1000
H	86132026	Yellow	1000
I	86132028	Yellow	1000
J	86132030	Yellow	1000
K	86132032	Yellow	1000
L	86132034	Yellow	1000
M	86132036	Yellow	1000
N	86132038	Yellow	1000
O	86132040	Yellow	1000
P	86132042	Yellow	1000
Q	86132044	Yellow	1000
R	86132046	Yellow	1000
S	86132048	Yellow	1000
T	86132050	Yellow	1000
U	86132052	Yellow	1000
V	86132054	Yellow	1000
W	86132056	Yellow	1000

BK 23 idents yellow (Continued...)

Type	Order No.	Color	Pack qty.
X	86132058	Yellow	1000
Y	86132060	Yellow	1000
Z	86132062	Yellow	1000
Lower case letters			
a	86132064	Yellow	1000
b	86132066	Yellow	1000
c	86132068	Yellow	1000
d	86132070	Yellow	1000
e	86132072	Yellow	1000
f	86132074	Yellow	1000
g	86132076	Yellow	1000
h	86132078	Yellow	1000
i	86132080	Yellow	1000
j	86132082	Yellow	1000
k	86132084	Yellow	1000
l	86132086	Yellow	1000
m	86132088	Yellow	1000
n	86132090	Yellow	1000
o	86132092	Yellow	1000
p	86132094	Yellow	1000
q	86132096	Yellow	1000
r	86132098	Yellow	1000
s	86132100	Yellow	1000
t	86132102	Yellow	1000
u	86132104	Yellow	1000
v	86132106	Yellow	1000
w	86132108	Yellow	1000
x	86132110	Yellow	1000
y	86132112	Yellow	1000
z	86132114	Yellow	1000
Numbers			
0	86132010	Yellow	1000
1	86132144	Yellow	1000
2	86132146	Yellow	1000
3	86132148	Yellow	1000
4	86132150	Yellow	1000
5	86132152	Yellow	1000
6	86132154	Yellow	1000
7	86132156	Yellow	1000
8	86132158	Yellow	1000
9	86132160	Yellow	1000
Signs			
+	86132116	Yellow	1000
-	86132118	Yellow	1000

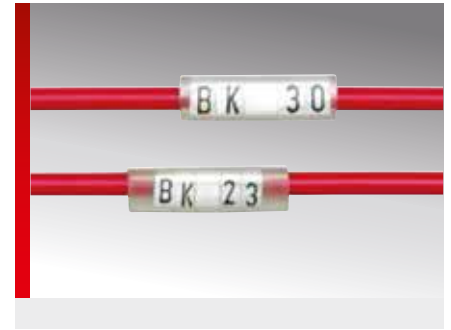
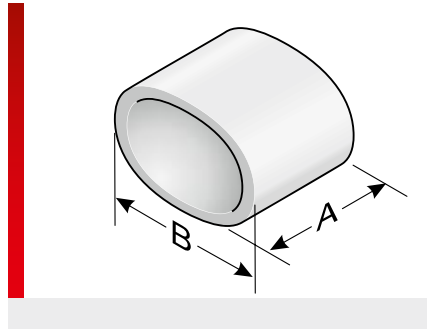
BK 23 idents yellow (Continued...)



Type	Order No.	Color	Pack qty.
/	86132120	Yellow	1000
=	86132122	Yellow	1000
.	86132124	Yellow	1000
*	86132126	Yellow	1000
:	86132128	Yellow	1000
Special characters			
Left arrow	86132130	Yellow	1000
Right arrow	86132132	Yellow	1000
AC voltage	86132134	Yellow	1000
Earth symbol	86132136	Yellow	1000
Star connection	86132138	Yellow	1000
Delta connection	86132140	Yellow	1000
Blank space			
Blank	86132142	Yellow	1000

Font colors red, yellow, green, brown, as well as special characters upon request

BK 30 idents white



PRODUCT INFORMATION






Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 30: Label width 0.12 in (3.0 mm) (A); Label height 0.16 in (4.0 mm) (B) Font width 0.08 in (2.0 mm); font height 0.14 in (3.5 mm); black lettering

Suitable for KT^{*}-, KTH^{*}- and KTH/Q^{*} sleeves, as well as KM^{*}-, KKM^{*}-, KMH^{*}-, KMH/Q^{*}- and KTN^{*} label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

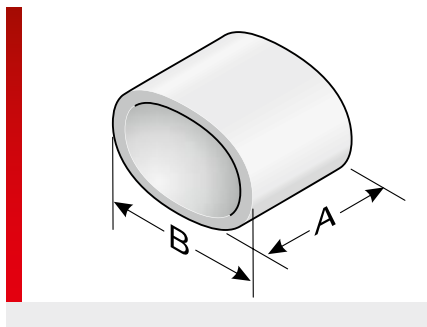
SPECIFICATIONS

-  -22.00 – 176.00 °F
-  Polyvinyl chloride (PVC)
-  V0
-  Holder frame AK is recommended for mounting.
-  MZ assembly aid, available in various sizes.



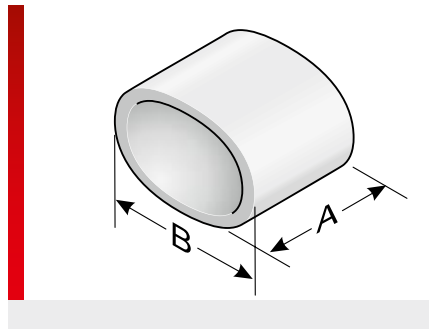
Type	Order No.	Color	Pack qty.
Upper case letters			
A	86131211	White	1000
B	86131212	White	1000
C	86131213	White	1000
D	86131214	White	1000
E	86131215	White	1000
F	86131216	White	1000
G	86131217	White	1000
H	86131218	White	1000
I	86131219	White	1000
J	86131220	White	1000
K	86131221	White	1000
L	86131222	White	1000
M	86131223	White	1000
N	86131224	White	1000
O	86131225	White	1000
P	86131226	White	1000
Q	86131227	White	1000
R	86131228	White	1000
S	86131229	White	1000
T	86131230	White	1000
U	86131231	White	1000
V	86131232	White	1000
W	86131233	White	1000

BK 30 idents white (Continued...)



Type	Order No.	Color	Pack qty.
X	86131234	White	1000
Y	86131235	White	1000
Z	86131236	White	1000
Lower case letters			
a	86131237	White	1000
b	86131238	White	1000
c	86131239	White	1000
d	86131240	White	1000
e	86131241	White	1000
f	86131242	White	1000
g	86131243	White	1000
h	86131244	White	1000
i	86131245	White	1000
j	86131246	White	1000
k	86131247	White	1000
l	86131248	White	1000
m	86131249	White	1000
n	86131250	White	1000
o	86131251	White	1000
p	86131252	White	1000
q	86131253	White	1000
r	86131254	White	1000
s	86131255	White	1000
t	86131256	White	1000
u	86131257	White	1000
v	86131258	White	1000
w	86131259	White	1000
x	86131260	White	1000
y	86131261	White	1000
z	86131262	White	1000
Numbers			
0	86131210	White	1000
1	86131278	White	1000
2	86131279	White	1000

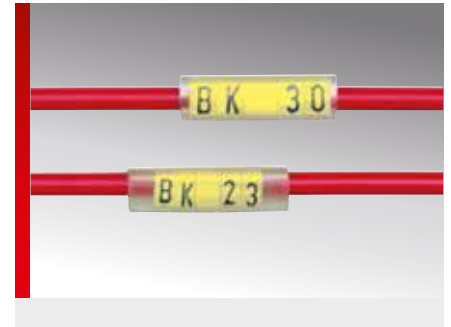
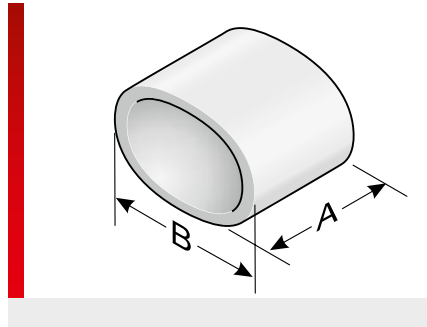
BK 30 idents white (Continued...)



Type	Order No.	Color	Pack qty.
3	86131280	White	1000
4	86131281	White	1000
5	86131282	White	1000
6	86131283	White	1000
7	86131284	White	1000
8	86131285	White	1000
9	86131286	White	1000
Signs			
+	86131264	White	1000
-	86131265	White	1000
/	86131266	White	1000
=	86131267	White	1000
.	86131268	White	1000
*	86131269	White	1000
:	86131270	White	1000
Special characters			
Left arrow	86131271	White	1000
Right arrow	86131272	White	1000
AC voltage	86131273	White	1000
Earth symbol	86131274	White	1000
Star connection	86131275	White	1000
Delta connection	86131276	White	1000
Blank space			
Blank	86131277	White	1000

Font colors red, yellow, green, brown, as well as special characters upon request

BK 30 idents yellow



PRODUCT INFORMATION

Pre-inscribed murr-fix idents made from special PVC. The individual labels come on plastic strips, each containing 20 labels.

BK 30: Label width 0.12 in (3.0 mm) (A); Label height 0.16 in (4.0 mm) (B) Font width 0.08 in (2.0 mm); font height 0.14 in (3.5 mm); black lettering

Suitable for KT*-, KTH*-, and KTH/Q* sleeves, as well as KM*-, KKM*-, KMH*-, KMH/Q*-, and KTN* label holders.

Recommended tools to process idents (mounting frames, metal tab, metal hook) are listed in "Accessories".

SPECIFICATIONS

- 22.00 – 176.00 °F
- Polyvinyl chloride (PVC)
- V0
- Holder frame AK is recommended for mounting.
- MZ assembly aid, available in various sizes.

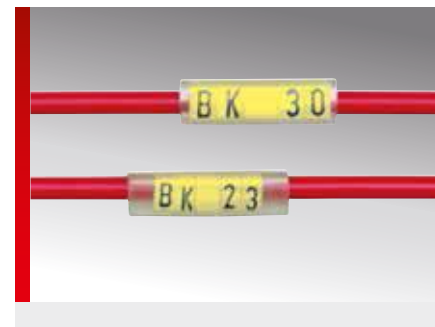
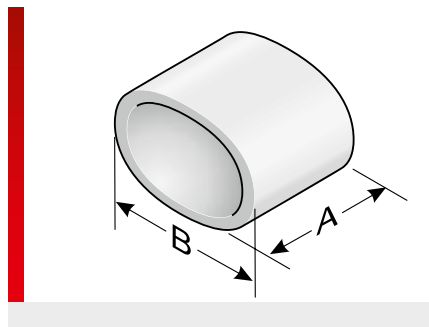


Type	Order No.	Color	Pack qty.
Upper case letters			
A	86131411	Yellow	1000
B	86131412	Yellow	1000
C	86131413	Yellow	1000
D	86131414	Yellow	1000
E	86131415	Yellow	1000
F	86131416	Yellow	1000
G	86131417	Yellow	1000
H	86131418	Yellow	1000
I	86131419	Yellow	1000
J	86131420	Yellow	1000
K	86131421	Yellow	1000
L	86131422	Yellow	1000
M	86131423	Yellow	1000
N	86131424	Yellow	1000
O	86131425	Yellow	1000
P	86131426	Yellow	1000
Q	86131427	Yellow	1000
R	86131428	Yellow	1000
S	86131429	Yellow	1000
T	86131430	Yellow	1000
U	86131431	Yellow	1000
V	86131432	Yellow	1000
W	86131433	Yellow	1000

BK 30 idents yellow (Continued...)

Type	Order No.	Color	Pack qty.
X	86131434	Yellow	1000
Y	86131435	Yellow	1000
Z	86131436	Yellow	1000
Lower case letters			
a	86131437	Yellow	1000
b	86131438	Yellow	1000
c	86131439	Yellow	1000
d	86131440	Yellow	1000
e	86131441	Yellow	1000
f	86131442	Yellow	1000
g	86131443	Yellow	1000
h	86131444	Yellow	1000
i	86131445	Yellow	1000
j	86131446	Yellow	1000
k	86131447	Yellow	1000
l	86131448	Yellow	1000
m	86131449	Yellow	1000
n	86131450	Yellow	1000
o	86131451	Yellow	1000
p	86131452	Yellow	1000
q	86131453	Yellow	1000
r	86131454	Yellow	1000
s	86131455	Yellow	1000
t	86131456	Yellow	1000
u	86131457	Yellow	1000
v	86131458	Yellow	1000
w	86131459	Yellow	1000
x	86131460	Yellow	1000
y	86131461	Yellow	1000
z	86131462	Yellow	1000
Numbers			
0	86131410	Yellow	1000
1	86131610	Yellow	1000
2	86131611	Yellow	1000
3	86131612	Yellow	1000
4	86131613	Yellow	1000
5	86131614	Yellow	1000
6	86131615	Yellow	1000
7	86131616	Yellow	1000
8	86131617	Yellow	1000
9	86131618	Yellow	1000
Signs			
+	86131463	Yellow	1000
-	86131464	Yellow	1000

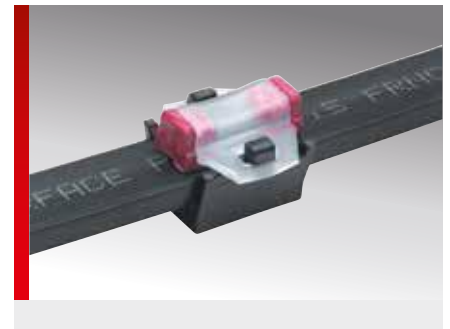
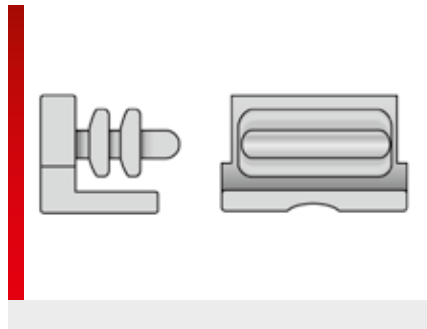
BK 30 idents yellow (Continued...)



Type	Order No.	Color	Pack qty.
/	86131465	Yellow	1000
=	86131466	Yellow	1000
.	86131467	Yellow	1000
*	86131468	Yellow	1000
:	86131469	Yellow	1000
Special characters			
Left arrow	86131470	Yellow	1000
Right arrow	86131471	Yellow	1000
AC voltage	86131472	Yellow	1000
Earth symbol	86131473	Yellow	1000
Star connection	86131474	Yellow	1000
Delta connection	86131475	Yellow	1000
Blank space			
Blank	86131476	Yellow	1000

Font colors red, yellow, green, brown, as well as special characters upon request

KM sealing plug



PRODUCT INFORMATION

The KM sealing plugs for closing off the KM and KMH label holders are available in 4 mm, 9 mm and 15 mm width and are watertight.

The seal provides long-term protection of the required labeling throughout the wet areas of the plant.

The sealing plugs are available in a wide variety of colors in order to identify different media or in-house specifications.

SPECIFICATIONS

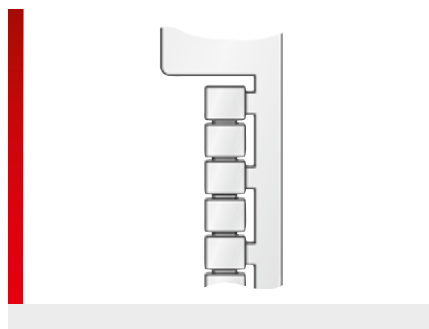
- 40.00 – 212.00 °F
- TPE
- V0
- Media distinction with color code
- For labeling in wet areas

Type	Order No.	Color	RAL equiv.	Pack qty.
4 mm width				
KM 4 Plug	86321214	Yellow	1018	100
KM 4 Plug	86321212	Red	2012	100
KM 4 Plug	86321216	Green	6018	100
KM 4 Plug	86321218	Blue	5012	100
KM 4 Plug	86321210	Black	9004	100
9 mm width				
KM 9 Plug	86321224	Yellow	1018	100
KM 9 Plug	86321222	Red	2012	100
KM 9 Plug	86321226	Green	6018	100
KM 9 Plug	86321228	Blue	5012	100
KM 9 Plug	86321220	Black	9004	100
15 mm width				
KM 15 Plug	86321234	Yellow	1018	100
KM 15 Plug	86321232	Red	2012	100
KM 15 Plug	86321236	Green	6018	100
KM 15 Plug	86321238	Blue	5012	100
KM 15 Plug	86321230	Black	9004	100



Terminal block labeling





BEC terminal block label








PRODUCT INFORMATION

BEC - for terminal manufacturers **Beckhoff**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips. The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.

SPECIFICATIONS

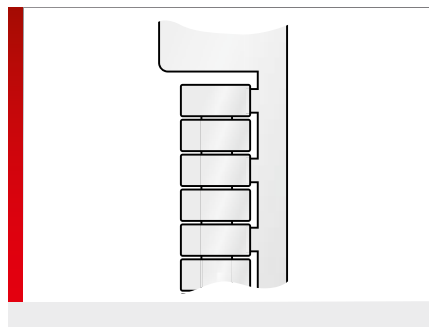
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Individual and strip mounting

HF






Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
BEC 5/5-5	86401840	White	9016	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	265	1100
BEC 5/5-5	86401841	Yellow	1018	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	266	1100
BEC 5/5-5	86401845	Green	6018	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	259	1100
BEC 5/5-5	86401844	Red	2012	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	269	1100
BEC 5/5-5	86401842	Blue	5012	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	267	1100
BEC 5/5-5	86401843	Orange	2011	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	268	1100

* Specifications of the label size / printable area is shown in Width x Length.





CAB terminal block label








PRODUCT INFORMATION

CAB - for terminal manufacturers **Cabur**.
 High-quality, halogen-free, snap-in label plates for individual mounting needs.
 The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.

SPECIFICATIONS

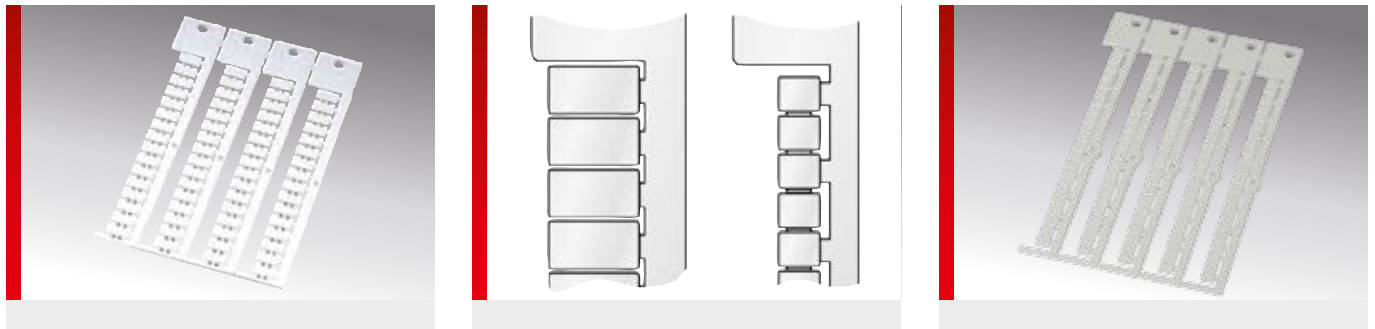
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Single installation

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
CAB 5/10	86403001	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	72.00	GP4	310	1008

* Specifications of the label size / printable area is shown in Width x Length.

KAB terminal block label



PRODUCT INFORMATION

KAB - for terminal manufacturers **Allen Bradley, ABB Entelec, Lütze, Woertz** and **Weidmüller (WDU, WPU)**.

High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.

SPECIFICATIONS

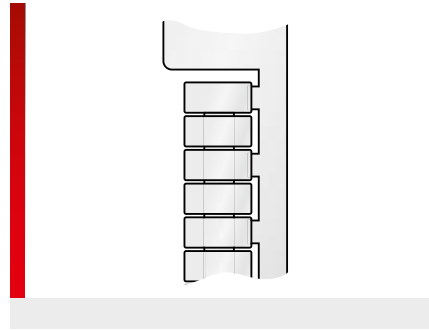
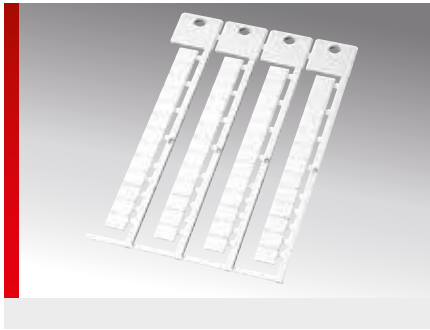
- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KAB 6/12	86402014	White	9016	0.24 x 0.47	0.24 x 0.47	6 / 1	4.00	72.00	GP4	112	1000
0.20 in (5 mm) grid strip											
KAB 5/5.4-5	86402004	White	9016	0.2 x 0.21	0.2 x 0.21	3 / 1	5	110	GP5	55	1430
KAB 5/9-5	86402006	White	9016	0.2 x 0.35	0.2 x 0.35	5 / 1	4.00	88.00	GP4	110	1400
KAB 5/12-5	86402008	White	9016	0.2 x 0.47	0.2 x 0.47	6 / 1	4.00	88.00	GP4	111	1400
0.24 in (6 mm) grid strip											
KAB 6/9-6	86402010	White	9016	0.24 x 0.35	0.24 x 0.35	5 / 1	4.00	72.00	GP4	50	1000
KAB 6/10-6	86402022	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4	56	1000
KAB 6/12-6	86402012	White	9016	0.24 x 0.47	0.24 x 0.47	6 / 1	4.00	72.00	GP4	51	1000
0.31 in (8 mm) grid strip											
KAB 8/9-8	86402016	White	9016	0.31 x 0.35	0.31 x 0.35	5 / 2	4.00	52.00	GP4	53	1040
KAB 8/12-8	86402018	White	9016	0.31 x 0.47	0.31 x 0.47	6 / 2	4.00	52.00	GP4	54	1040

* Specifications of the label size / printable area is shown in Width x Length.

KET terminal block label



PRODUCT INFORMATION

KET - for terminal manufacturers **ABB**, **ABB Entrelec** and **Schneider**.

High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organizational systems.

SPECIFICATIONS

-40.00 – 266.00 °F

Polycarbonate (PC)

V0

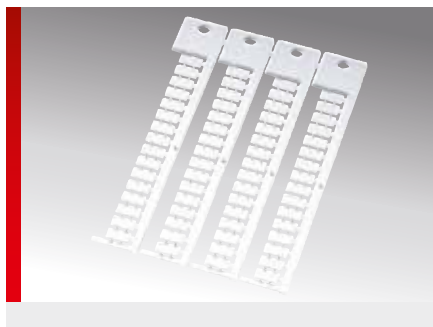
Individual and strip mounting



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
0.20 in (5 mm) grid strip											
KET 5/10-5	86402610	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	84.00	GP4E	121	1428
KET SNK 5/12-5	86402612	White	9016	0.2 x 0.47	0.2 x 0.47	6 / 1	4.00	80	GP4E	124	2000
0.24 in (6 mm) grid strip											
KET 6/10-6	86402620	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4E	122	2016
KET SNK 6/12-6	86402622	White	9016	0.24 x 0.47	0.24 x 0.47	6 / 1	4.00	60.00	GP4E	125	1500
0.31 in (8 mm) grid strip											
KET 8/10-8	86402630	White	9016	0.31 x 0.39	0.31 x 0.39	5 / 2	4.00	56.00	GP4E	123	1512
KET SNK 8/12-8	86402632	White	9016	0.31 x 0.47	0.31 x 0.47	6 / 2	4.00	40.00	GP4E	126	1000

* Specifications of the label size / printable area is shown in Width x Length.

KLG terminal block label



PRODUCT INFORMATION

KLG - for terminal manufacturers **Legrand**.
 High-quality, halogen-free, snap-in label plates for individual mounting needs. The large printable area at the top allows room for individual project and terminal block reference, dispensing with the need for additional organizational systems.

SPECIFICATIONS

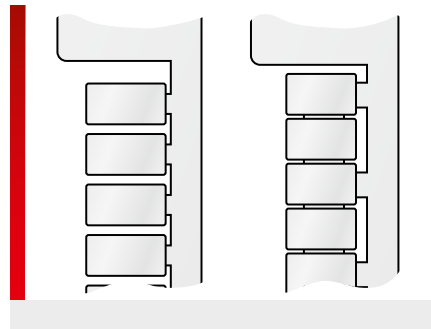
- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single installation

HF

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
KLG 5/10	86421022	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	64.00	GP4	098	1024

* Specifications of the label size / printable area is shown in Width x Length.

KMR terminal block label



PRODUCT INFORMATION

KMR - for terminal manufacturers **Weidmüller, Conta Clip, ABB Entelec, Klemsan, Schlegel** and **Wago**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems. Label plates designated as "5 - 6 mm pitch strips" can be adapted to terminal block widths of 5 mm or 6 mm by means of a flexible connection.

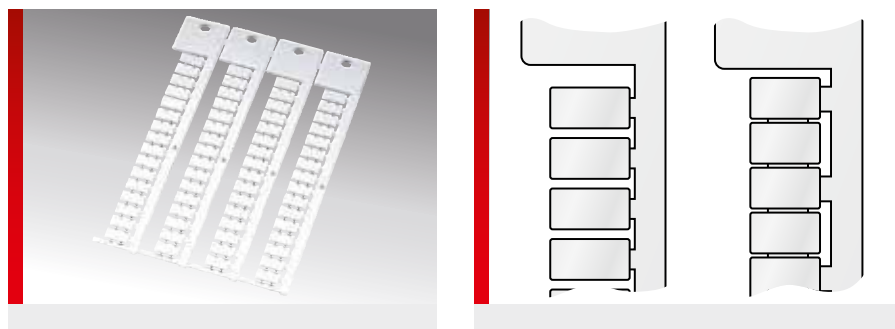
SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KMR 5/10	86401010	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	64.00	GP4	30	1000
KMR 5/15	86401014	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	64.00	GP4	31	1000
KMR 6/10	86401018	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	64.00	GP4	32	1000
KMR 6/15	86401022	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	64.00	GP4	33	1000
KMR 5/10 FA	86401032	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	64.00	GP4	160	1024
0.14 in (3.5 mm) grid strip											
KMR 3.5/7.5-3.5	86401034	White	9016	0.14 x 0.3	0.14 x 0.3	4 / 1	4.00	120	GP4	161	1200
KMR 3.5/10-3.5	86401046	White	9016	0.14 x 0.39	0.14 x 0.39	5 / 1	4.00	120	GP4	423	1200
0.20 in (5 mm) grid strip											
KMR 5/7.5-5	86401026	White	9016	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	88.00	GP4	34	1400
KMR 5/7.5-5	86401036	Yellow	1018	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	88.00	GP4	34G	1400
KMR 5/7.5-5	86401044	Red	2012	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	88.00	GP4	262	1400
KMR 5/7.5-5	86401040	Blue	5012	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	88.00	GP4	260	1400
KMR 5/7.5-5	86401042	Orange	2011	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	88.00	GP4	261	1400
KMR 5/10-5	86401012	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	35	1400
KMR 5/15-5	86401016	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	88.00	GP4	36	1400
KMR 5/15-5	86401017	Yellow	1018	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	88.00	GP4	36G	1400
0.20 in (5.1 mm) grid strip											
KMR 5/5-5.1	86401011	White	9016	0.2 x 0.2	0.2 x 0.2	2 / 1	4.00	100	GP5	319	1100
KMR 5/7.5-5.1	86401027	White	9016	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	84.00	GP4	276	1008
KMR 5/7.5-5.1	86401037	Yellow	1018	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	84.00	GP4	286	1008

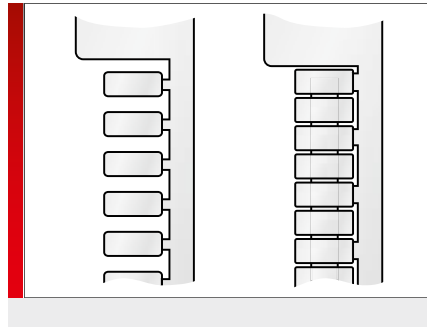
KMR terminal block label (Continued...)



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
KMR 5/7.5-5.1	86401043	Orange	2011	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	84.00	GP4	296	1008
KMR 5/10-5.1	86401013	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	84.00	GP4	277	1008
KMR 5/15-5.1	86401015	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	84.00	GP4	278	1008
KMR 5/10-5.1 FA	86401048	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	84.00	GP4	487	1008
0.20 – 0.24 in (5 – 6 mm) pitch strips											
KMR 5/10-5...6	86401038	White	9016	0.16 x 0.39	0.16 x 0.39	5 / 1	4.00	88.00	GP4	35U	1400
0.24 in (6 mm) grid strip											
KMR 6/10-6	86401020	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4	37	1000
KMR 6/15-6	86401024	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	72.00	GP4	38	1000
0.24 in (6.1 mm) grid strip											
KMR 6/10-6.1	86401021	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4	37A	1008
KMR 6/15-6.1	86401025	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	72.00	GP4	38A	1008
0.26 in (6.7 mm) grid strip											
KMR 6/15-6.7	86401028	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	64.00	GP4	39	1700

* Specifications of the label size / printable area is shown in Width x Length.

KPX terminal block label



PRODUCT INFORMATION

KPX - for terminal manufacturers **Phoenix**, **ABB Entelec**, **Murrelektronik**, **Siemens** and **Wago**.

High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.

Label plates designated as "5 - 6 mm-pitch strips" can be adapted to terminal block widths of 5 mm or 6 mm by means of an extension spring joint.

Label plates designated as "Universal strip" can be used on various different terminal block widths.

The 6/180 labeling strips can be printed with a laser printer set up for the required terminal block width.

SPECIFICATIONS

-40.00 – 266.00 °F

Polycarbonate (PC)

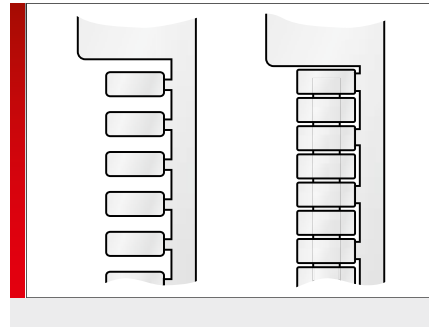
V0

Individual and strip mounting



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KPX 4/10	86401224	White	9016	0.16 x 0.39	0.16 x 0.39	5 / 1	4.00	64.00	GP4	97	1024
KPU 5/10	86401231	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	72.00	GP4	42E	1008
KPX 6/10	86401214	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	64.00	GP4	40	1000
KPX 6/15	86401218	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	64.00	GP4	41	1000
0.14 in (3.5 mm) grid strip											
KPX 3.5/10-3.5	86401225	White	9016	0.14 x 0.39	0.14 x 0.39	5 / 1	4.00	120	GP4	486	1800
0.16 in (4.0 mm) grid strip											
KPX 4/10-4	86401226	White	9016	0.16 x 0.39	0.16 x 0.39	5 / 1	4.00	100	GP4	98	1400
0.20 in (5 mm) grid strip											
KPX 5/10-5	86401210	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	42	1400
KPX 5/10-5	86401211	Yellow	1018	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	42G	1400
KPX 5/15-5	86401212	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	88.00	GP4	43	1400
0.20 in (5.2 mm) grid strip											
KPX 5/10-5.2	86401208	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	84.00	GP4	279	1008
KPX 5/10-5.2	86401209	Yellow	1018	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	84.00	GP4	289	1008
KPX 5/15-5.2	86401213	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	84.00	GP4	311	1008

KPX terminal block label (Continued...)



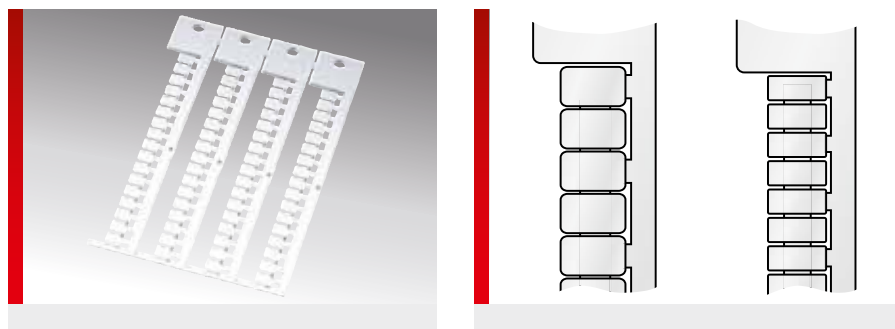
Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
0.20 – 0.24 in (5 – 6 mm) pitch strips											
KPX 5/10-5...6	86401242	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	42U	1400
0.24 in (6 mm) grid strip											
KPX 6/10-6	86401216	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4	44	1000
KPX 6/15-6	86401220	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	72.00	GP4	45	1000
0.24 in (6.2 mm) grid strip											
KPX 6/10-6.2	86401217	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	68.00	GP4	308	1020
KPX 6/15-6.2	86401219	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	68.00	GP4	309	1020
0.27 in (6.8 mm) grid strip											
KPX 6/10-6.8	86401222	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	64.00	GP4	46	1000
0.14 in (3.5 mm) pitch strips in a row, flat foot (ZS)											
KPX 0.14/5-3,5 ZS	86401223	White	9016	0.14 x 0.2	0.14 x 0.2	2 / 1	5	150	GP5	416	3000
0.17 in (4.2 mm) pitch strips in a row, flat foot (ZS)											
KPX 0.17/5-4,2 ZS	86401248	White	9016	0.17 x 0.2	0.17 x 0.2	2 / 1	5	125	GP5	47Z	2500
0.20 in (5 mm) pitch strips in a row, flat foot (ZS)											
KPX 5/5-5 ZS	86401232	White	9016	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	42Z	2090
KPX 5/5-5 ZS	86401233	Yellow	1018	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	43G	2090
KPX 5/7.5-5 ZS	86401254	White	9016	0.2 x 0.3	0.2 x 0.3	4 / 1	4.00	88.00	GP4	49Z	1408
KPX 5/10-5 ZS	86401234	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	43Z	1400
0.20 – 0.24 in (5 – 6 mm) pitch strips in a row, flat foot (ZS)											
KPX 5/10-5...6 ZS	86401244	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	43U	1400
0.24 in (6 mm) pitch strips in a row, flat foot (ZS)											
KPX 6/5-6 ZS	86401228	White	9016	0.2 x 0.24	0.2 x 0.24	3 / 1	5	90	GP5	44Z	2070
KPX 6/10-6 ZS	86401236	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4	45Z	1000
Single labels, flat foot (ZS)											
KPX 8.2/5 ZS	86401252	White	9016	0.32 x 0.2	0.32 x 0.2	2 / 2	5	65	GP5	48Z	1040
KPX 10/5 ZS	86401246	White	9016	0.39 x 0.2	0.39 x 0.2	2 / 2	5	55	GP5	41Z	1320

KPX terminal block label (Continued...)

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
0.47 in (12 mm) pitch strips in a row, flat foot (ZS)											
KPX 12/5-12 ZS	86401240	White	9016	0.2 x 0.47	0.2 x 0.47	6 / 1	5	45	GP5	46Z	1080
Strips are universally divisible (maximum length 4.09 in (104 mm), minimum length 0.17 in (4.2 mm)), flat foot (ZS)											
KPX U/5 ZS	86401230	White	9016	0.2 x 4.09	0.2 x 4.09	57 / 1	5	100	GP5	180	2000
Labeling strip on label sheet in A4 format											
KPX 6/180	86402510	White	9016	0.24 x 7.09	0.24 x 7.09	100 / 1	1	20.00		180	100

* Specifications of the label size / printable area is shown in Width x Length.

KSI terminal block label



PRODUCT INFORMATION

KSI - for terminal manufacturers **Siemens**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips. The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.

SPECIFICATIONS

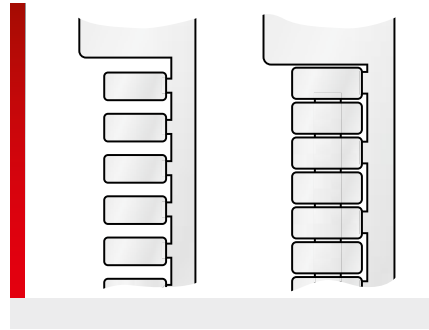
- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KSI 5/7	86401610	White	9016	0.2 x 0.28	0.2 x 0.28	3 / 1	4.00	68.00	GP4E	47	1020
KSI 5/10	86401612	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	68.00	GP4E	48	1020
0.20 in (5 mm) grid strip											
KSI 5/7-5	86401620	White	9016	0.2 x 0.28	0.2 x 0.28	3 / 1	4.00	80	GP4E	133	1200
KSI 5/10-5	86401624	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	80	GP4E	132	1200
0.24 in (6 mm) grid strip											
KSI 6/7-6	86401630	White	9016	0.24 x 0.28	0.24 x 0.28	3 / 1	4.00	72.00	GP4E	131	1080
KSI 6/10-6	86401634	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4E	130	1080

* Specifications of the label size / printable area is shown in Width x Length.

KWI terminal block label



PRODUCT INFORMATION

KWI - for terminal manufacturers **Wieland**, **ABB Entelec**, **D+E**, **Legrand**, **Sprecher + Schuh**, **Telemecanique** and **Wago**.
High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.
Label plates designated as "5 - 6 mm-pitch strips" can be adapted to terminal block widths of 5 mm or 6 mm by means of an extension spring joint.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
Single labels											
KWI 5/10	86401410	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	64.00	GP4	20	1000
KWI 5/15	86401414	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	64.00	GP4	21	1000
KWI 6/10	86401420	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	64.00	GP4	22	1000
KWI 6/15	86401426	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	64.00	GP4	23	1000
KWI 6/15	86401450	Orange	2011	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	64.00	GP4	230	1000
0.20 in (5 mm) grid strip											
KWI 5/8.6-5	86401418	White	9016	0.2 x 0.34	0.2 x 0.34	4 / 1	4.00	88.00	GP4	24	1400
KWI 5/10-5	86401412	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	25	1400
KWI 5/15-5	86401416	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	4.00	88.00	GP4	26	1400
0.20 – 0.24 in (5 – 6 mm) pitch strips											
KWI 5/10-5...6	86401432	White	9016	0.2 x 0.39	0.16 x 0.39	5 / 1	4.00	88.00	GP4	25U	1400
0.24 in (6 mm) grid strip											
KWI 6/8.2-6	86401430	White	9016	0.24 x 0.32	0.24 x 0.32	4 / 1	4.00	72.00	GP4	270	1000
KWI 6/10-6	86401422	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	72.00	GP4	27	1000
KWI 6/15-6	86401428	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	4.00	72.00	GP4	28	1000
0.27 in (6.8 mm) grid strip											
KWI 6/10-6.8	86401424	White	9016	0.24 x 0.39	0.24 x 0.39	5 / 1	4.00	64.00	GP4	29	1000

* Specifications of the label size / printable area is shown in Width x Length.





TK terminal block label





PRODUCT INFORMATION

Polyamide label for insertion in transformer terminals.
 Suitable for: transformer terminal blocks with nail clip.

SPECIFICATIONS

-  -40.00 – 266.00 °F
-  Polyamide (PA)
-  V2
-  Individual and strip mounting

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
0.28 in (7 mm) grid strip											
TK 4,5-7,0	86402412	White	9016	0.18 x 0.28	0.18 x 0.28	3 / 1	5	50	GP1	90	450
0.30 in (7.5 mm) grid strip											
TK 4,5-7,5	86402410	White	9016	0.18 x 0.3	0.18 x 0.3	4 / 1	5	50	GP1	91	450

* Specifications of the label size / printable area is shown in Width x Length.

WGO terminal block label



PRODUCT INFORMATION

WGO - for terminal manufacturers **Wago**, **Beckhoff** and **ABB Entelec**. High-quality, halogen-free snap-in label plates. Labels available for mounting individually or in strips.

The large printable area at the top allows room for individual project and terminal block reference, without the need for additional organizational systems.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Individual and strip mounting

HF

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. of columns	No. per frame	Base plate	Software type	Pack qty.
4-0.17 in (4.2 mm) pitch strips in a row, with contoured foot											
WGO 3.4/10-4...4.2 F	86401806	White	9016	0.13 x 0.39	0.13 x 0.39	5 / 1	4.00	100	GP4	499	1300
0.16 in (4 mm) pitch svtrips in a row, with contoured foot											
WGO 4/10-4 F	86401808	White	9016	0.16 x 0.39	0.16 x 0.39	5 / 1	4.00	100	GP4	162	1300
0.20 in (5.1 mm) grid strip											
WGO 5/5-5.1 L	86401870	White	9016	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	541	1100
WGO 5/5-5.1 L	86401872	Yellow	1018	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	542	1100
WGO 5/5-5.1 L	86401874	Red	2012	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	544	1100
WGO 5/5-5.1 L	86401876	Green	6018	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	546	1100
WGO 5/5-5.1 L	86401878	Blue	5012	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	543	1100
WGO 5/5-5.1 L	86401873	Orange	2011	0.2 x 0.2	0.2 x 0.2	2 / 1	5	110	GP5	545	1100
0.20 in (5 mm) grid strip											
WGO 5/10-5	86401810	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	49	2000
0.20 in (5 mm) pitch strips in a row, with contoured foot											
WGO 5/10-5 F	86401813	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	139	1400
0.20 in (5 mm) pitch strips in a row (can be applied to a 0.24 in (6 mm) pitch pattern)											
WGO 5/10-5...6 F	86401812	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	88.00	GP4	141	1400
0.24 in (6.2 mm) pitch strips in a row (can be applied to a 0.30 in (7.5 mm) pitch pattern)											
WGO 5.2/10-6.2...7.5 F	86401850	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	4.00	68.00	GP4	540	1088

KCK-ECO terminal block labeling



PRODUCT INFORMATION

The KCK-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they can be used as an alternative to the PC labels for terminal block labelling.

The individual labels are strips with a length of 102 mm for insertion into the terminal cut-out and can be cut to the required length.

KCK-ECO label plates for terminal blocks are available in widths of 0.24 in (6.2 mm) and 0.39 in (10 mm) and **specifically for Phoenix terminal blocks** by design.

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

- 40.00 – 194.00 °F
- Polyethylene (PE)
- Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
- High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS

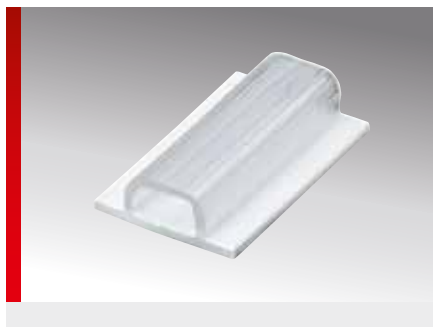


Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
KCK-ECO 102x6.2	86513100	White	4.02 x 0.24	4.09	FB-TM 110 mm x 300 m	QB0	1000
KCK-ECO 102x10	86513101	White	4.02 x 0.39	4.09	FB-TM 110 mm x 300 m	QB1	1000



Equipment/equipment location labeling





KM 2 / KM 20 (adhesive holder)



PRODUCT INFORMATION

High-quality, halogen-free adhesive label holders.
If the bonding surface is clean, dry and free of grease, the acrylic adhesive can form a permanent bond.

SPECIFICATIONS

-  -40.00 – 140 °F
-  Polyvinyl chloride (PVC)
-  V0
- 

Type	Order No.	Color	Length inch	Width inch	Recommended label plate	Label size inch	No. idents BK23 / BK30	Pack qty.
Self-adhesive (for smooth surfaces)								
KM 2/16	86321010	White / Transparent	0.63	0.35	KS 4/x	0.16 x 0.63	6 / 5	1000
KM 2/22	86321012	White / Transparent	0.87	0.35	KS 4/x	0.16 x 0.87	9 / 7	1000
KM 2/25	86321014	White / Transparent	0.98	0.35	KS 4/x	0.16 x 0.98	10 / 8	1000
KM 20	86321016	White / Transparent	0.79	0.39	KSO 20x9	0.35 x 0.79		1000





KM 6



PRODUCT INFORMATION

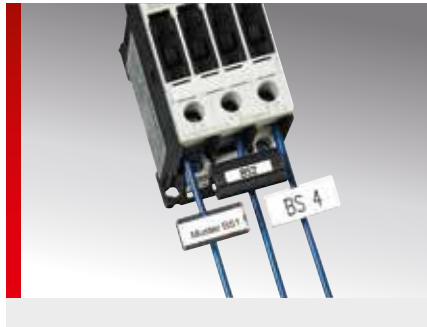
High-quality, transparent label holder for component labeling.
 Assembly is via snap-in action.
 Mounting adapters make the label holders usable for component location labeling.

SPECIFICATIONS

-  -40.00 – 140 °F
-  Polyvinyl chloride (PVC)
-  V0
- 

Type	Order No.	Color	Length inch	Width inch	Recommended label plate	Label size inch	No. idents BK23 / BK30	Pack qty.
KM 6/15	86321030	White / Transparent	0.59	0.24	KS 4/x	0.16 x 0.59	6 / 5	1000
KM 6/18	86321032	White / Transparent	0.71	0.24	KS 4/x	0.16 x 0.71	7 / 6	1000
KM 6/21	86321034	White / Transparent	0.83	0.24	KS 4/x	0.16 x 0.83	9 / 7	1000
KM 6/27	86321036	White / Transparent	1.06	0.24	KS 4/x	0.16 x 1.06	11 / 9	1000

BS (BS labeling system)



PRODUCT INFORMATION

The BS labeling system consists of various components and is used for retrofitting labels for device locations or switchgear.

- **BS 1:** consists of the clamping piece BS 3, transparent top and 27 x 8 mm (1.06 x 0.31 in) paper strip on a DIN A-4 sheet with perforated edges.
- **BS 2:** consists of the clamping piece BS 3 and transparent label holder KM 7 to retain the KS 4/x series labels or BK inserts.

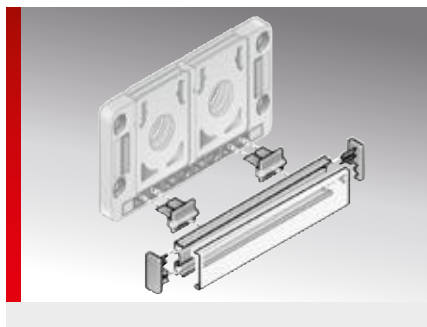
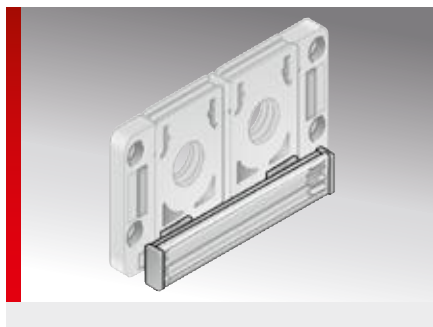
- **BS 3:** clamping piece for the transparent label holder KM 7 or for the BS 5 label.
- **BS 4:** consists of the clamping piece BS 3 and the BS 5 label.
- **BS 9 / BS 10:** Label holder for KSS 20x9 labels or for KM 6/18 transparent label holders with KS 4/18 label. Mounting is accomplished with a self-clamping (spring-loaded) foot.

SPECIFICATIONS

	-40.00 – 140 °F
	Polyvinyl chloride (PVC) BS 5 label Polycarbonate (PC)
	V0

Type	Order No.	Color	Application range from - to Ø mm	Core cross section from - to mm ²	Printable area inch	No. idents BK23 / BK30	No. Per sheet	No. per frame	Soft- ware type	Pack qty.
BS 3 clamping wedge, with transparent top and DIN A4 paper strip										
BS 1	86281010	Black	0.01 – 0.15	0.5 – 2.5						500
DIN A4 paper sheet with punched margin for BS 1										
Paper sheet	86281013	White			0.31 x 0.98		256.00		BSM	2560.00
Clamping piece BS 3 with transparent label KM 7: for KS 4/x or for idents BK										
BS 2	86281014	Black	0.01 – 0.15	0.5 – 2.5	0.16 x 1.06	11 / 9				500
Clamping piece: for KM 7 transparent label holder or for BS 5 label										
BS 3	86281016	Black	0.01 – 0.15	0.5 – 2.5						190
Clamping piece BS 3 with label BS 5										
BS 4	86281018	Black	0.01 – 0.15	0.5 – 2.5	0.47 x 1.06			16.00	79	190
Label holder (self-clamping): for labels KSS 20x9 or for transparent label holders KM 6/18										
BS 9	86281024	Black	max.0.16							50
BS 10	86281026	Black	0.16 – 0.43							50

SKDL/E (for cable entry plate KDL/E)



PRODUCT INFORMATION

Adapter set for KDL/E cable entry system

The labeling set for the KDL/E cable entry system was developed as a simple means of accommodating a great deal of labeling information in or on the KDL/E cable entry system.





Adapted to various cable entry systems, different versions are available.



The set consists of a holder, label rail for KS 9/x or KS 15/x labels, sealing plug and transparent cover.

An alternative to the adapter set

The KS KDL/E label, for direct mounting on the KDL/E cable entry system. (Item no. 86421090)

SPECIFICATIONS

-  -40.00 – 176.00 °F
-  Polyvinyl chloride (PVC)
-  V0
-  La bellung system to cable entry system KDL/E

Type	Order No.	Recommended label plate	Pack qty.
BZS 9 SKDL/E 16	86301232	KS 9/x	1
BZS 9 SKDL/E 24	86301236	KS 9/x	1
BZS 15 SKDL/E 16	86301234	KS 15/x	1
BZS 15 SKDL/E 24	86301238	KS 15/x	1

BZS label rail - gray - 0.35 in (9 mm)









PRODUCT INFORMATION

Label holders for designating component locations as base holders for rivets, screws or for glue fastening.

The pre-drilled holes have a diameter of 0.16 in (4 mm) and a hole distance of 3.94 in (100 mm).

SPECIFICATIONS

-  -40.00 – 176.00 °F
-  Polyvinyl chloride (PVC)
-  V0

Type	Order No.	Color	Length inch	Width inch	Recommended label plate	Pack qty.
With drilled holes						
BZS 37	86301010	Gray	1.46	0.35	KSO x/9	100
BZS 500	86301012	Gray	19.69	0.35	KSO x/9	10
BZS 600	86301014	Gray	23.62	0.35	KSO x/9	10
BZS 1000	86301016	Gray	39.37	0.35	KSO x/9	10
BZS 1300	86301017	Gray	51.18	0.35	KSO x/9	10
With drilled holes and adhesive strips as assembly aid						
BZS 500 K	86301018	Gray	19.69	0.35	KSO x/9	10
BZS 600 K	86301020	Gray	23.62	0.35	KSO x/9	10
BZS 1000 K	86301022	Gray	39.37	0.35	KSO x/9	10
BZS 1300 K	86301027	Gray	51.18	0.35	KSO x/9	10
Self-adhesive (no holes) for uneven surfaces (hammer enamel)						
BZS 500 SK	86301032	Gray	19.69	0.35	KSO x/9	10
BZS 600 SK	86301034	Gray	23.62	0.35	KSO x/9	10
BZS 1000 SK	86301036	Gray	39.37	0.35	KSO x/9	10

BZS/F label rail - black - 0.35 and 0.59 in (9 and 15 mm)



BZS/F rail (cover and label not included in delivery)

PRODUCT INFORMATION







The BZS/F labeling system was developed as a simple means of accommodating a great deal of labeling information in or on the control cabinet.

The label holder with the snap-in labels provides vertical and horizontal designations on terminal blocks and other components. It may be fitted on the top-hat rail, C-rail or the cable duct with a high degree of flexibility. The label holder can be cut to any length.

The BZS/F label holders are available in 0.35 and 0.59 in (9 and 15 mm) widths.

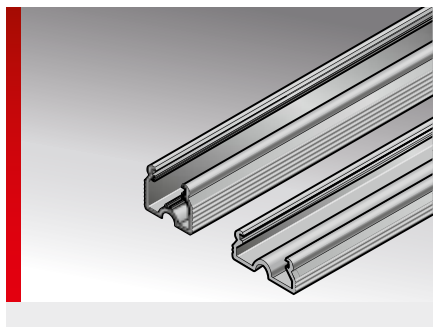
- BZS/F: with pre-punched holes (distance between holes 3.94 in (100 mm); hole diameter 0.14 in (3.6 mm)).
- BZS/F K: with pre-punched holes (distance between holes 3.94 in (100 mm); hole diameter 0.14 in (3.6 mm)) and adhesive strip (adhesive 4930) as a mounting aid
- BZS/F SK: self-adhesive label rail (adhesive 1780) without drilled holes for uneven surfaces (hammered enamel)

SPECIFICATIONS

	-40.00 – 176.00 °F
	Polyvinyl chloride (PVC)
	V0
	
	
	

Type	Order No.	Color	Length inch	Width inch	Recommended label plate	Pack qty.
Label rail with drilled holes at 0.35 in (9 mm) width						
BZS/F 09 - 500	86301634	Black	19.69	0.35	KSO x/9	25
BZS/F 09 - 600	86301636	Black	23.62	0.35	KSO x/9	25
BZS/F 09 - 1000	86301638	Black	39.37	0.35	KSO x/9	25
BZS/F 09 - 1300	86301640	Black	51.18	0.35	KSO x/9	25
Label rail with drilled holes and adhesive strips (adhesive 4930) as assembly aid at 0.35 in (9 mm) width						
BZS/F 09 - 500 K	86301684	Black	19.69	0.35	KSO x/9	25
BZS/F 09 - 600 K	86301686	Black	23.62	0.35	KSO x/9	25
BZS/F 09 - 1000 K	86301688	Black	39.37	0.35	KSO x/9	25
BZS/F 09 - 1300 K	86301690	Black	51.18	0.35	KSO x/9	25
Self-adhesive label rail (adhesive 1780) without drilled holes for uneven surfaces (hammered enamel) at 0.35 in (9 mm) width						
BZS/F 09 - 500 SK	86301654	Black	19.69	0.35	KSO x/9	25
BZS/F 09 - 600 SK	86301656	Black	23.62	0.35	KSO x/9	25
BZS/F 09 - 1000 SK	86301658	Black	39.37	0.35	KSO x/9	25
BZS/F 09 - 1300 SK	86301660	Black	51.18	0.35	KSO x/9	25
Label rail with drilled holes at 0.59 in (15 mm) width						
BZS/F 15 - 500	86301834	Black	19.69	0.59	KS 15/x	25
BZS/F 15 - 600	86301836	Black	23.62	0.59	KS 15/x	25
BZS/F 15 - 1000	86301838	Black	39.37	0.59	KS 15/x	25
BZS/F 15 - 1300	86301840	Black	51.18	0.59	KS 15/x	25

BZS labeling system - label rail



PRODUCT INFORMATION

The BZS system was developed as a simple means of accommodating a great deal of labeling information in or on the control cabinet.





The label holder with the snap-in labels provides vertical and horizontal designations on terminal blocks and other components. It may be fitted on the top-hat rail, C-rail or the cable duct with a high degree of flexibility.

The label holders can be trimmed to any length and they are available in 9 mm and 15 mm widths.

Different mounting modules are available for fixing (see "BZS labelling system - Mounting").

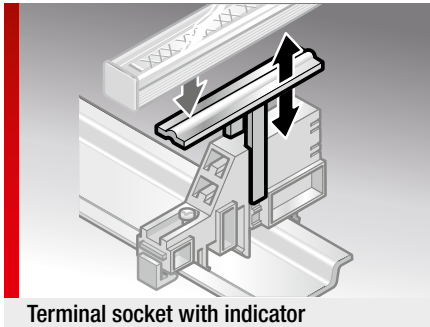
The label plates in the label holders can be protected with covers (see "BZS and BZS/F label holder - cover").

SPECIFICATIONS

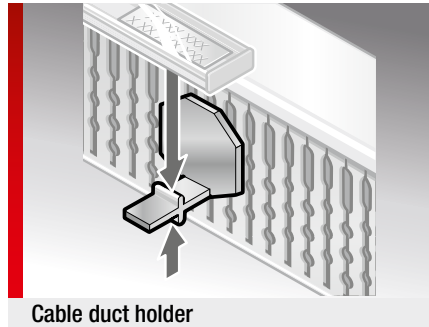
-  -40.00 – 176.00 °F
-  Polyvinyl chloride (PVC)
-  V0
- 

Type	Order No.	Color	Length inch	Width inch	Recommended label plate	Pack qty.
Label rail for mounting labels at 0.35 in (9 mm) width						
BZS 09 - 500	86301222	Black	19.69	0.35	KSO x/9	25
BZS 09 - 600	86301224	Black	23.62	0.35	KSO x/9	25
BZS 09 - 1000	86301226	Black	39.37	0.35	KSO x/9	25
BZS 09 - 1300	86301228	Black	51.18	0.35	KSO x/9	25
Label rail for mounting labels at 0.59 in (15 mm) width						
BZS 15 - 500	86301262	Black	19.69	0.59	KS 15/x	25
BZS 15 - 600	86301264	Black	23.62	0.59	KS 15/x	25
BZS 15 - 1000	86301266	Black	39.37	0.59	KS 15/x	25
BZS 15 - 1300	86301268	Black	51.18	0.59	KS 15/x	25

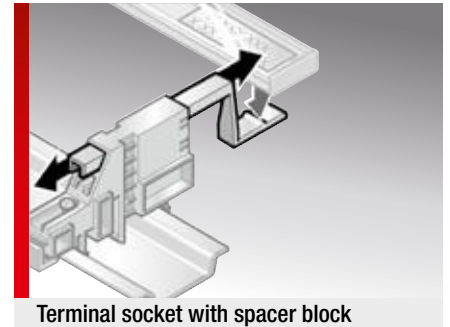
BZS labeling system - attachment



Terminal socket with indicator



Cable duct holder



Terminal socket with spacer block

PRODUCT INFORMATION




The BZS labeling system can be tailored to any labeling requirement, offering horizontal or vertical markings in control cabinets, labeling outside or inside control cabinets, any length of label carriers and any number of label plates.

The BZS 09 and BZS 15 do not feature an adhesive film, they are clamped to the cable duct holder, the spacer block or the indicator, depending on the mounting type requested.

The terminal bases attached to the top-hat rail, C-rail or cable ducts can be spaced with distance plates to maintain certain distances.

The mounting modules listed here are suitable for the BZS labelling system and label holders only.

SPECIFICATIONS

	-40.00 – 176.00 °F
	Polyamide (PA)
	V0

Type	Order No.	Color	Pack qty.
End cap for label rail BZS 9			
End cap for BZS 09	86301219	Black	80
End cap for label rail BZS 15			
End cap for BZS 15	86301259	Black	80
Terminal base for mounting distance plate / indicator / spacer block			
Terminal socket	86301210	Black	30
Distance plate for terminal socket			
Distance plate terminal socket	86301218	Black	100
Indicator for mounting the label rail			
Indicator	86301212	Black	100
Spacer for mounting label rail			
Spacer	86301214	Black	100
Adapter for cable duct for mounting label rail			
Cable duct holder	86301216	Black	100

Type ABB







PRODUCT INFORMATION

ABB - for devices made by **ABB**, **Finder**, **Lumberg** and **Wago**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

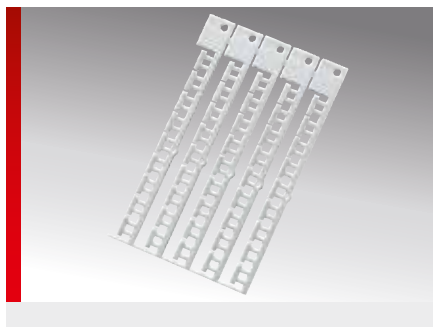
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
ABB 17x9	86421020	White	9016	0.35 x 0.67	0.35 x 0.67	9 / 2	24.00	GP4	68	384
ABB 17x9	86421021	Pastel turquoise	6034	0.35 x 0.67	0.35 x 0.67	9 / 2	24.00	GP4	68P	384

* Specifications of the label size / printable area is shown in Width x Length.

Type B+R












PRODUCT INFORMATION

B&R - for **B&R X20 switchgear**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

-  -40.00 – 266.00 °F
 -  Polycarbonate (PC)
 -  V0
 -  For labeling equipment and connecting labeling
- 





Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Terminal marking										
B+R 12x3.3	86402800	White	9016	0.13 x 0.47	0.13 x 0.47	6 / 1	45	GP5	201	675
B+R 12x3.3	86402802	Red	2012	0.13 x 0.47	0.13 x 0.47	6 / 1	45	GP5	204	675
B+R 12x3.3	86402804	Blue	5012	0.13 x 0.47	0.13 x 0.47	6 / 1	45	GP5	203	675
Device marking										
B+R 12x6.7	86402810	White	9016	0.26 x 0.47	0.26 x 0.47	6 / 1	45	GP5	230	675

* Specifications of the label size / printable area is shown in Width x Length.

Type KAB



PRODUCT INFORMATION

KAB - for devices made by **ABB**, **Allen Bradley** and **Finder**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Switch gear labeling

HF

Type	Order No.	Color	Label size * inch	Printable area * inch	No. characters/ lines	No. per frame	Base plate	Software type	Pack qty.
KAB 9x6	86421017	White	0.24 x 0.35	0.24 x 0.35	5 / 1	50	GP5	549	1200
KAB 17x10	86421016	White	0.39 x 0.67	0.39 x 0.67	9 / 2	30	GP5	52	750

* Specifications of the label size / printable area is shown in Width x Length.

Type KES



PRODUCT INFORMATION

KES - for devices made by **Escha, Murrelektronik** and **Turck**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

-40.00 – 266.00 °F

Polycarbonate (PC)

V0

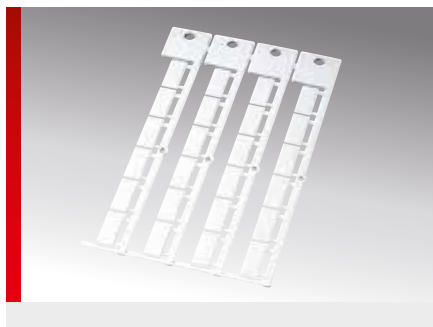
Labeling of distribution boxes



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KES 20x8	86421052	White	9016	0.31 x 0.79	0.31 x 0.79	11 / 2	20.00	GP4	99	380
KES 20x8	86421058	Yellow	1018	0.31 x 0.79	0.31 x 0.79	11 / 2	20.00	GP4	273	380
KES 20x8	86421057	Red	2012	0.31 x 0.79	0.31 x 0.79	11 / 2	20.00	GP4	443	380
KES 20x8	86421061	Green	6018	0.31 x 0.79	0.31 x 0.79	11 / 2	20.00	GP4	441	380
KES 20x8	86421059	Blue	5012	0.31 x 0.79	0.31 x 0.79	11 / 2	20.00	GP4	442	380

* Specifications of the label size / printable area is shown in Width x Length.

Type KMO












PRODUCT INFORMATION

KMO - for devices made by **Moeller, In-dramat** and **Murrelektronik**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KMO 17,5x8	86421070	White	9016	0.31 x 0.69	0.31 x 0.69	9 / 2	24.00	GP4	190	720
Installation adapter towards the DILER and DILET devices, for devices without auxiliary contacts										
KMO adapter	86421074	White								380
KSS 20x9 label plate required (please order separately)										

* Specifications of the label size / printable area is shown in Width x Length.

Type KPF












PRODUCT INFORMATION

KPF - for devices made by **Pepperl + Fuchs**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

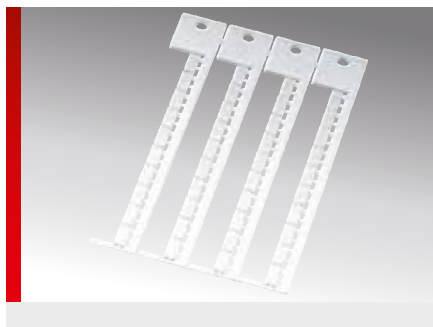
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Labeling of distribution boxes

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KPF 18.5x8	86421054	White	9016	0.31 x 0.73	0.31 x 0.73	10 / 2	65.62	GP4	250	480

* Specifications of the label size / printable area is shown in Width x Length.

Type KS



PRODUCT INFORMATION





KS - for devices made by **Escha, IFM, Lumberg, Murrelektronik, Pepperl + Fuchs** and **Turck**.

KS KDL/E For the KDL/E cable entry system by **Murrplastik**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

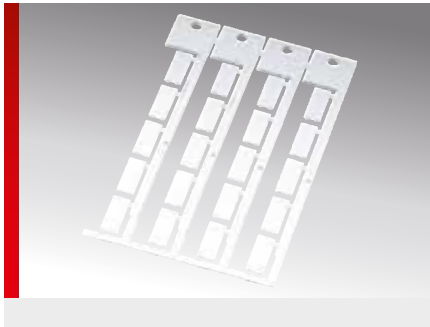
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For devices by Escha, IFM, Lumberg, Murrelektronik, Pepperl + Fuchs and Turk										
KS 5/10	86402210	White	9016	0.2 x 0.39	0.2 x 0.39	5 / 1	40.00	GP4E	88	1000
For Murrplastik KDL/E cable entry system										
KS KDL/E	86421090	White	9016	0.23 x 3.86	0.23 x 3.86	54 / 1	4.00	GP4	290	100

* Specifications of the label size / printable area is shown in Width x Length.

Type KSA







PRODUCT INFORMATION

KSA - for devices made by **AEG** and **Square D**.
High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSA 19x8	86421012	White	9016	0.31 x 0.75	0.31 x 0.75	10 / 2	20.00	GP4	70	380

* Specifications of the label size / printable area is shown in Width x Length.

Type KSF



PRODUCT INFORMATION

KSF - for devices made by **Festo, Lumberg, Moeller, Murrelektronik** and **Pepperl + Fuchs**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

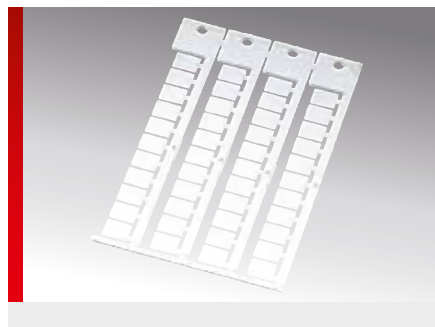
- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Switch gear and valve labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSF 4.5x9	86421046	White	9016	0.18 x 0.35	0.18 x 0.35	5 / 1	80	GP4	176	1040
KSF 10x8	86421050	White	9016	0.31 x 0.39	0.31 x 0.39	5 / 2	44.00	none	175	440.00
KSF 20x9	86421042	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	174	380

* Specifications of the label size / printable area is shown in Width x Length.

KSK type (universal adhesive label)



PRODUCT INFORMATION

KSK type (universal adhesive label) - for devices by various manufacturers. High-quality, halogen-free adhesive label plates. The large printable area at the top provides space for individual project and component

reference, without the need to organize additional systems. The flat construction allows the label holder to be used as a component location marker inside the top hat rail.

SPECIFICATIONS

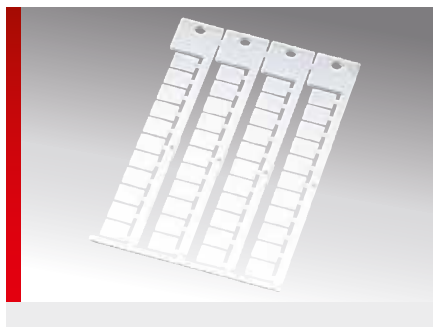
- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Equipment/equipment location labeling

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSK 5x15	86421092	White	9016	0.2 x 0.59	0.2 x 0.59	8 / 1	64.00	GP4	438	1024
KSK 5x15	86421094	Yellow	1018	0.2 x 0.59	0.2 x 0.59	8 / 1	64.00	GP4	495	1024
KSK 6x15	86421093	White	9016	0.24 x 0.59	0.24 x 0.59	8 / 1	64.00	GP4	439	1024
KSK 6x15	86421095	Yellow	1018	0.24 x 0.59	0.24 x 0.59	8 / 1	64.00	GP4	497	1024
KSK 11x9	86421034	White	9016	0.35 x 0.43	0.35 x 0.43	6 / 2	44.00	GP4	61	1400
KSK 11x9	86421035	Yellow	1018	0.35 x 0.43	0.35 x 0.43	6 / 2	44.00	GP4	61G	1400
KSK 11x9	86421039	Red	2012	0.35 x 0.43	0.35 x 0.43	6 / 2	44.00	GP4	61R	1400
KSK 15x9	86421036	White	9016	0.35 x 0.59	0.35 x 0.59	8 / 2	44.00	GP4	63	1400
KSK 15x9	86421037	Yellow	1018	0.35 x 0.59	0.35 x 0.59	8 / 2	44.00	GP4	63G	1400
KSK 15x9	86421041	Red	2012	0.35 x 0.59	0.35 x 0.59	8 / 2	44.00	GP4	63R	1400
KSK 20x9	86421038	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	66	680
KSK 20x9	86421088	Yellow	1018	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	66G	680
KSK 20x9	86421043	Red	2012	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	66R	680
KSK 35x9	86421045	White	9016	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	58W	360
KSK 35x9	86421047	Yellow	1018	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	58G	360
KSK 35x9	86421049	Red	2012	0.35 x 1.38	0.35 x 1.38	19 / 2	12.00	GP4	58R	360
KSK 70x9	86421051	White	9016	0.35 x 2.76	0.35 x 2.76	38 / 2	11	GP5	57W	330
KSK 70x9	86421053	Yellow	1018	0.35 x 2.76	0.35 x 2.76	38 / 2	11	GP5	57G	330
KSK 70x9	86421055	Red	2012	0.35 x 2.76	0.35 x 2.76	38 / 2	11	GP5	57R	330

No information about packing unit (VPE). Request a quotation for minimum order quantity please.

KSK 5x15	86421096	Red	2012	0.2 x 0.59	0.2 x 0.59	8 / 1	64.00	GP4	496	1024
KSK 6x15	86421097	Red	2012	0.24 x 0.59	0.24 x 0.59	8 / 1	64.00	GP4	498	1024

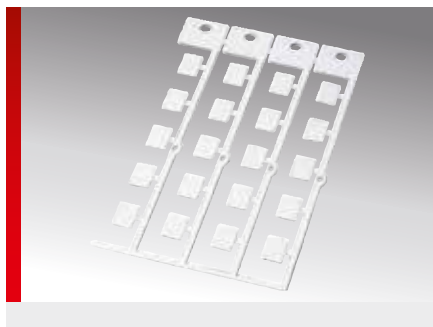
KSK type (universal adhesive label) (Continued...)



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Long mat version										
KSK 20x9 L	86421240	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	554	640
KSK 20x9 L	86421242	Yellow	1018	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	555	640
KSK 20x9 L	86421244	Red	2012	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	556	640

* Specifications of the label size / printable area is shown in Width x Length.

Type KSL












PRODUCT INFORMATION

KSL - for devices made by **Bosch/Rexroth** and **Lumberg**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

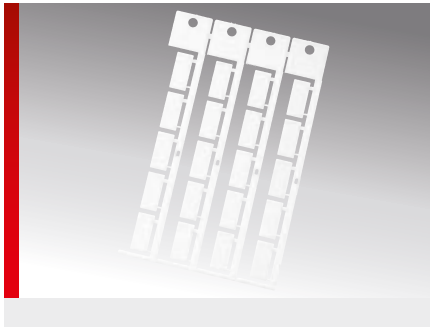
SPECIFICATIONS

-  -40.00 – 266.00 °F
 -  Polycarbonate (PC)
 -  V0
 -  Labeling of distribution boxes
- 





Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSL 12x9	86421060	White	9016	0.35 x 0.47	0.35 x 0.47	6 / 2	20.00	GP4	170	380
KSL 20x9	86421062	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	171	380

* Specifications of the label size / printable area is shown in Width x Length.

Type KSS



PRODUCT INFORMATION

KSS - for devices made by **ABB, Conta Clip, Escha, Festo, IFM, Pepperl + Fuchs, Siemens** and **Turck**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KSS 10x8 for ASI	86421006	White	9016	0.31 x 0.39	0.31 x 0.39	5 / 2	40.00	GP4	77	800
KSS 10x8 for ASI	86421008	Pastel turquoise	6034	0.31 x 0.39	0.31 x 0.39	5 / 2	40.00	GP4	78	800
KSS 20x9 ¹⁾	86421010	White	9016	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	67	380
KSS 20x9 ¹⁾	86421011	Yellow	1018	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	67G	380
KSS 20x9 ¹⁾	86421009	Pastel turquoise	6034	0.35 x 0.79	0.35 x 0.79	11 / 2	20.00	GP4	67P	380

* Specifications of the label size / printable area is shown in Width x Length.

¹⁾ Device location marking in conjunction with label holder BS 9, BS 10 or label rail BZS





Type KSZ








PRODUCT INFORMATION

KSZ - for heavy plug connectors by **Harting**.
High-quality, halogen-free label plates for marking Harting connector housings (heavy connectors).

SPECIFICATIONS

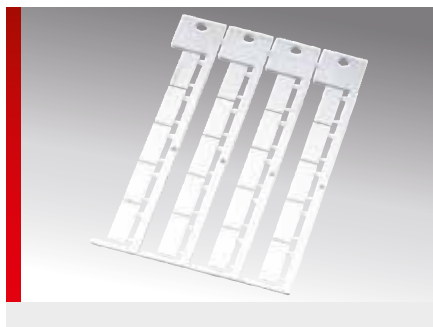
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Connection labeling

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/ lines	No. per frame	Base plate	Software type	Pack qty.
KSZ 20x7	86421040	White	9016	0.28 x 0.79	0.28 x 0.79	11 / 2	20.00	GP1	200	100

* Specifications of the label size / printable area is shown in Width x Length.

Type KTE







PRODUCT INFORMATION

KTE - for devices made by **ABB**, **IFM**, **Murrelektronik** and **Telemecanique**. High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
KTE 17x8	86421018	White	9016	0.31 x 0.67	0.31 x 0.67	9 / 2	20.00	GP4	73	340
KTE 21x8	86421014	White	9016	0.31 x 0.83	0.31 x 0.83	11 / 2	20.00	GP4	72	340

* Specifications of the label size / printable area is shown in Width x Length.

Type SKS







PRODUCT INFORMATION

SKS - for devices made by **Siemens** (Series **SIRIUS**) and devices by **Lütze**.
High-quality, halogen-free label plates to snap into components of the Siemens SIRIUS series.

The large printable area at the top of the SKS labels allows room to reference individual projects and components, dispensing with the need for additional organizational systems.

SPECIFICATIONS

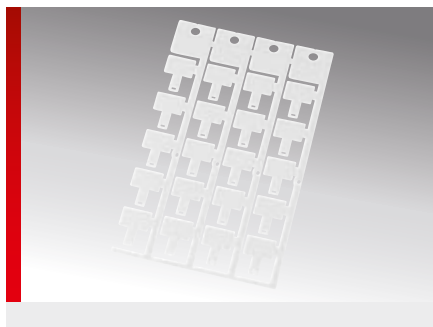
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
Label for Siemens SIRIUS series										
SKS 10x7 Sirius	86401652	White	9016	0.28 x 0.39	0.28 x 0.39	5 / 2	48	GP4	96	816
SKS 10x7 Sirius	86401668	Yellow	1018	0.28 x 0.39	0.28 x 0.39	5 / 2	48	GP4	136	816
SKS 10x7 Sirius	86401662	Pastel turquoise	6034	0.28 x 0.39	0.28 x 0.39	5 / 2	48	GP4	096	816
SKS 11x4 Sirius	86401658	White	9016	0.16 x 0.43	0.16 x 0.43	6 / 1	80	GP4	134	1200
SKS 11x4 Sirius	86401666	Yellow	1018	0.16 x 0.43	0.16 x 0.43	6 / 1	80	GP4	137	1200
SKS 11x4 Sirius	86401660	Pastel turquoise	6034	0.16 x 0.43	0.16 x 0.43	6 / 1	80	GP4	135	1200
SKS 20x7 Sirius	86401656	White	9016	0.28 x 0.79	0.28 x 0.79	11 / 2	20.00	GP4	95	340
SKS 20x7 Sirius	86401669	Yellow	1018	0.28 x 0.79	0.28 x 0.79	11 / 2	20.00	GP4	138	340
SKS 20x7 Sirius	86401664	Pastel turquoise	6034	0.28 x 0.79	0.28 x 0.79	11 / 2	20.00	GP4	095	340
Label for Siemens SIRIUS series, self-adhesive										
SKSK 20x7 Sirius	86401657	White	9016	0.28 x 0.79	0.28 x 0.79	11 / 2	20.00	GP4	95A	340
SKSK 20x7 Sirius	86401653	Pastel turquoise	6034	0.28 x 0.79	0.28 x 0.79	11 / 2	20.00	GP4	95B	340

* Specifications of the label size / printable area is shown in Width x Length.

Type SKS ET 200







PRODUCT INFORMATION

SKS ET 200 - for devices made by **Siemens** (Series **SIMATIC ET 200**). High-quality, halogen-free label plates to snap into components of the Siemens SIMATIC series.

The large printable area at the top of the SKS ET 200 labels allows room to reference individual projects and components, dispensing with the need for additional organizational systems.

SPECIFICATIONS

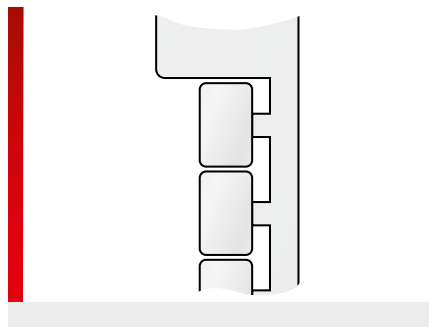
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  Switch gear labeling



Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
SKS 15x10 ET 200	86401670	White	9016	0.39 x 0.59	0.39 x 0.59	8 / 2	20.00	GP4	437	680

* Specifications of the label size / printable area is shown in Width x Length.

Type WGO







PRODUCT INFORMATION






WGO - for devices made by **Wago**, **Beckhoff** and **Euchner**.

High-quality, halogen-free label plates to snap into devices.

The large printable area at the top provides space for individual project and component reference, without the need to organize additional systems.

SPECIFICATIONS

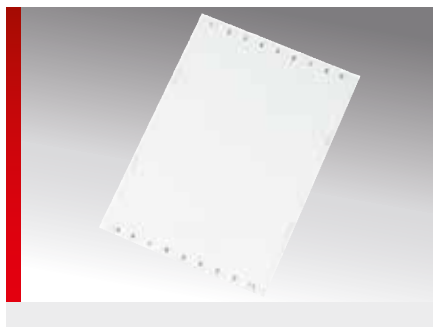
-  -40.00 – 266.00 °F
-  Polycarbonate (PC)
-  V0
-  For labeling equipment and connecting labeling

Type	Order No.	Color	RAL equiv.	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
WGO 12/7	86401822	White	9016	0.28 x 0.47	0.28 x 0.47	6 / 2	36	GP4	140	750

* Specifications of the label size / printable area is shown in Width x Length.





ELO polycarbonate label, perforated








PRODUCT INFORMATION

High-quality polycarbonate sheet labels may be separated easily at the perforation; they are designed for single-line or multi-line inscribing with the Pictor printer, plotter and laser printer.

SPECIFICATIONS

-  -40.00 – 284.00 °F
-  Polycarbonate
-  V0
-  Single-line and multi-line inscription.
A4 sheets

Type	Order No.	Color	Sheet labels size inch	Printable area inch	No. of columns	No. Per sheet	Software type	Pack qty.
For labeling Siemens S7 assemblies¹⁾								
ELO 27.5x12.85 ¹⁾	86561268	Opaque	1.08 x 0.51	1.08 x 0.51	14.00	126.00	E24	1260.00
ELO 28x17.5 ¹⁾	86561267	Opaque	1.1 x 0.69	1.1 x 0.69	7.00	112.00	AAR	1120
ELO 50x12.85 ¹⁾	86561264	Opaque	1.97 x 0.51	1.97 x 0.51	14.00	70.00	E22	700
ELO 50x25.5 ¹⁾	86561266	Opaque	1.97 x 1.0	1.97 x 1.0	7.00	35	E23	350
ELO 103.5x17.45 ¹⁾	86561262	Opaque	4.07 x 0.69	4.07 x 0.69	10	20.00	E21	200
ELO 103.5x22.85 ¹⁾	86561260	Opaque	4.07 x 0.9	4.07 x 0.9	8.00	16.00	E20	160

¹⁾* The software types listed are blank templates. You should use the pre-defined types EA0 to ED7 for the Siemens S7 component groups.

KCS-ECO Siemens PLC, continuous








PRODUCT INFORMATION

The KCS-ECO label strips are made of a PET foil. The core diameter is "3". The label strips are used for the identification of Siemens series ET-200 and S7.

KCS-ECO endless rolls are available in the standard widths in white, yellow or pastel turquoise.

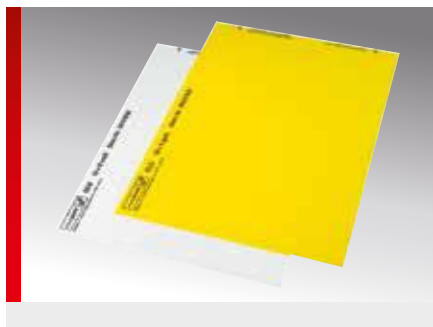
Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40.00 – 302.00 °F
-  Polyethylene terephthalate (PET)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  

Type	Order No.	Color	Roll width inch	Roll length ft.	Recommended printer ribbon	Software type	Pack qty.
KCS-ECO 12.9 - 15m	86513600	White	0.51	0.59	FB-TM 40 mm x 300 m	QJ0	49.21
KCS-ECO 12.9 - 15m	86513610	Yellow	0.51	0.59	FB-TM 40 mm x 300 m	QJ0	49.21
KCS-ECO 12.9 - 15m	86513620	Pastel turquoise	0.51	0.59	FB-TM 40 mm x 300 m	QJ0	49.21
KCS-ECO 17.5 - 15m	86513601	White	0.69	0.59	FB-TM 40 mm x 300 m	QJ1	49.21
KCS-ECO 17.5 - 15m	86513611	Yellow	0.69	0.59	FB-TM 40 mm x 300 m	QJ1	49.21
KCS-ECO 17.5 - 15m	86513621	Pastel turquoise	0.69	0.59	FB-TM 40 mm x 300 m	QJ1	49.21
KCS-ECO 22.9 - 15m	86513602	White	0.90	0.59	FB-TM 40 mm x 300 m	QJ2	49.21
KCS-ECO 22.9 - 15m	86513612	Yellow	0.90	0.59	FB-TM 40 mm x 300 m	QJ2	49.21
KCS-ECO 22.9 - 15m	86513622	Pastel turquoise	0.90	0.59	FB-TM 40 mm x 300 m	QJ2	49.21
KCS-ECO 25.5 - 15m	86513603	White	1	0.59	FB-TM 40 mm x 300 m	QJ3	49.21
KCS-ECO 25.5 - 15m	86513613	Yellow	1	0.59	FB-TM 40 mm x 300 m	QJ3	49.21
KCS-ECO 25.5 - 15m	86513623	Pastel turquoise	1	0.59	FB-TM 40 mm x 300 m	QJ3	49.21

ELW / ELG / ELPT - self-adhesive label











PRODUCT INFORMATION

Self-adhesive polyester labels on an A4 sheet, available in the colors white, yellow and pastel turquoise.

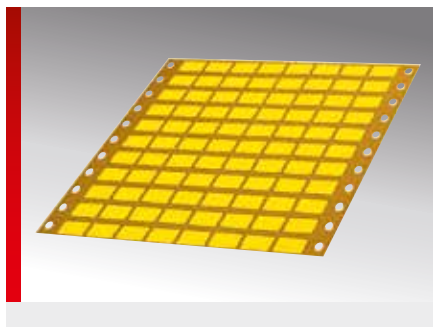
Easy handling because of the lock tabs. Clear positioning by labeling columns and lines.

SPECIFICATIONS

	-40.00 – 302.00 °F		
	Polyester film		
	V0		
	Single-line and multi-line inscription. A4 sheets		
			

Type	Order No.	Color	RAL equiv.	Sheet labels size inch	Printable area inch	No. of columns	No. Per sheet	Software type	Pack qty.
Labels on A4 sheet, self-adhesive, white									
ELW 11x9R	86561224	White	9016	0.43 x 0.35	0.43 x 0.35	16.00	400	95	4000
ELW 15x6R	86561228	White	9016	0.59 x 0.24	0.59 x 0.24	11	374	88L	3740
ELW 19x6R	86561220	White	9016	0.75 x 0.24	0.75 x 0.24	9.00	306.00	97	3060
ELW 19x8R	86561222	White	9016	0.75 x 0.31	0.75 x 0.31	10	270	99	2700
ELW 64x34R	86561226	White	9016	2.52 x 1.34	2.52 x 1.34	3.00	24.00	93	240
Labels on A4 sheet, self-adhesive, yellow									
ELG 11x9R	86562018	Yellow	1018	0.43 x 0.35	0.43 x 0.35	16.00	400	94	4000
ELG 15x6R	86562022	Yellow	1018	0.59 x 0.24	0.59 x 0.24	11	374	082	3740
ELG 19x6R	86562014	Yellow	1018	0.75 x 0.24	0.75 x 0.24	9.00	306.00	96	3060
ELG 19x8R	86562016	Yellow	1018	0.75 x 0.31	0.75 x 0.31	10	270	98	2700
ELG 64x34R	86562020	Yellow	1018	2.52 x 1.34	2.52 x 1.34	3.00	24.00	R91	240
Labels on A4 sheet, self-adhesive, pastel turquoise									
ELPT 19x6	86561820	Pastel turquoise	6034	0.75 x 0.24	0.75 x 0.24	9.00	306.00	110	3060

EDG self-adhesive textile label



PRODUCT INFORMATION

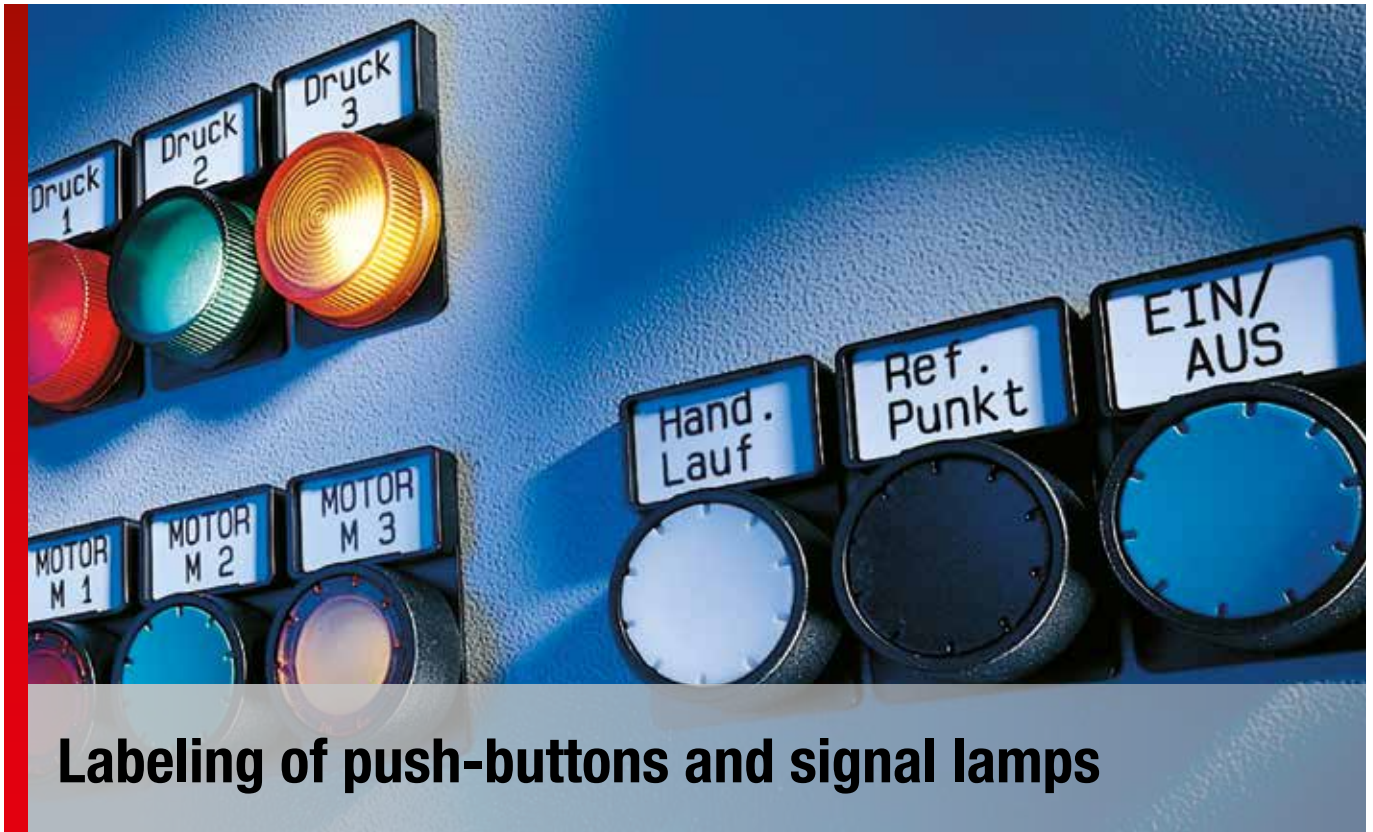
Self-adhesive textile labels in zig-zag fold and punched hole margin for matrix printers.

Especially tear resistant and therefore particularly well-suited for gluing edges.

SPECIFICATIONS

- 32.00 – 176.00 °F
- Reinforced textile
- Single-line and multi-line inscription
-
-

Type	Order No.	Color	RAL equiv.	Sheet labels size inch	Printable area inch	No. of columns	No. Per sheet	Software type	Pack qty.
EDG 15x10	86561630	Bright yellow	1026	0.59 x 0.39	0.59 x 0.39	12.00	336	1P	3360
EDG 18x9	86561620	Yellow	1018	0.71 x 0.35	0.71 x 0.35	8.00	96	50	9600



BT label holder



BT Harmony ZB4



BT 22.5 / BTK 22.5



BT 15/xx / BTK 15/xx

PRODUCT INFORMATION







The BT and BTK label holders are used for labeling non-proprietary components and assemblies.

Fastened with self-tapping screws.

Self-adhesive film is supplied with the BTK version as an installation aid.

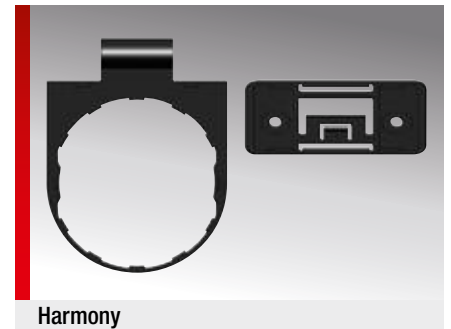
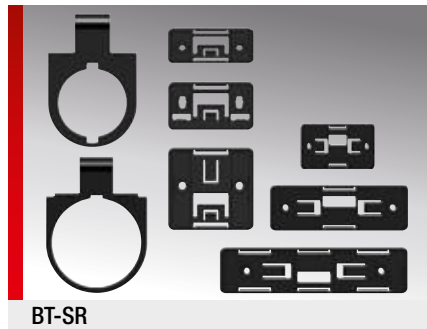
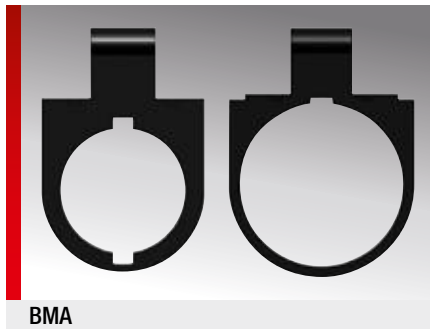
The transparent cover keeps the inserted label plates clean and free from mechanical load.

SPECIFICATIONS

-  -40.00 – 176.00 °F
 -  BT and BTK Polyvinyl chloride (PVC)
TA: Polycarbonate (PC)
 -  V0
 -  Single-line and multi-line inscription
- 


Type	Order No.	Color	Recommended label plate	Pack qty.
Label holders				
BT 15/27	86441010	Black	KS 15/27	250
BT 15/49	86441012	Black	KS 15/49	250
BT 15/67	86441014	Black	KS 15/67	250
Label holder with adhesive strip on the back				
BTK 15/27	86441210	Black	KS 15/27	250
BTK 15/49	86441212	Black	KS 15/49	250
BTK 15/67	86441214	Black	KS 15/67	250
Label holder for Ø 0.89 in (22.5 mm) elements				
BT 22.5	86442018	Black	KS 8/26.5	250
Label holder for elements with Ø 0.89 in (22.5 mm), with adhesive strip on the back				
BTK 22.5	86441016	Black	KS 15/27	250
Label holder for Möller elements with Ø 1.10 in (28 mm)				
BT Harmony ZB4	86442016	Black	KS 8/26.5	250
Transparent cover for label holder				
TA 8/26,5	86441418	Transparent		480
TA 15/27	86441410	Transparent		480
TA 15/49	86441412	Transparent		240
TA 15/67	86441414	Transparent		120

BMA label holder



PRODUCT INFORMATION

The BMA system is a flexible system for the labeling of push-buttons and signal lamps.

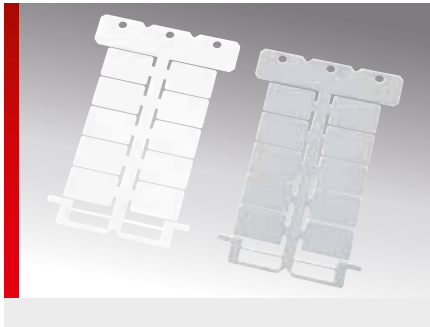
The neutral BMA type label holders can be equipped with various BT-SR type label frames, depending on the labeling requirement or request.

SPECIFICATIONS

- 40.00 – 176.00 °F
- BT-SR and BMA: Polyvinyl chloride (PVC)
TA: Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

Type	Order No.	Color	Recommended label plate	Pack qty.
Holder standard				
BMA 22.5	86442020	Black		50
BMA 30.0	86442024	Black		50
Standard label frame				
BT-SR 15x27	86442034	Black	KS 15/27	10
BT-SR 15x49	86442036	Black	KS 15/49	10
BT-SR 15x67	86442038	Black	KS 15/67	10
BT-SR 27x12.5	86442028	Black	KSK 27x12.5	10
BT-SR 27x18	86442030	Black	KSK 27x18	10
BT-SR 27x27	86442032	Black	KSK 27x27	10
Holder Harmony				
BMA 22.5 Harmony	86442022	Black		50
Harmony label frame				
BT-SR 8x26.5 Harmony	86442026	Black	KS 8/26.5	10
BT-SR 27x18 Harmony	86442042	Black	KSK 27x18	10
Transparent cover for label holder				
TA 8/26,5	86441418	Transparent		
TA 15/27	86441410	Transparent		
TA 15/49	86441412	Transparent		
TA 15/67	86441414	Transparent		
TA 27/12,5	86441420	Transparent		216
TA 27/18	86441422	Transparent		180
TA 27/27	86441424	Transparent		108

KSK (universal adhesive label)



PRODUCT INFORMATION

High-quality, halogen-free, self-adhesive label.

- The KS 22x22 is suitable for Siemens 3SB push-button and signal lamp holders.
- The KSK 95x75 may be used alone, as a self-adhesive type plate, or with the TA 95x75 transparent cover with magnifying function (Item no. 86464014).

- Other available sizes of the self-adhesive KSK label are used with BT-SR label holders as well as label holders of other manufacturers.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

HF

Type	Order No.	Color	Label size * inch	Printable area * inch	No. characters/lines	No. per frame	Base plate	Software type	Pack qty.
For Siemens 3SB push-button and signal lamp holders									
KSK 22x22	86361278	White	0.87 x 0.87	0.87 x 0.87	12 / 6	8.00	GP3	128	144
KSK 22x22	86361280	Gray	0.87 x 0.87	0.87 x 0.87	12 / 6	8.00	GP3	129	144
For BT-SR 27x12.5									
KSK 27x12.5	86361266	White	0.49 x 1.06	0.49 x 1.06	15 / 3	12.00	GP3	115	216
KSK 27x12.5	86361268	Gray	0.49 x 1.06	0.49 x 1.06	15 / 3	12.00	GP3	116	216
For BT-SR 27x18 and BT-SR 27x18 Harmony									
KSK 27x18	86361270	White	0.71 x 1.06	0.71 x 1.06	15 / 5	10	GP3	117	180
KSK 27x18	86361272	Gray	0.71 x 1.06	0.71 x 1.06	15 / 5	10	GP3	118	180
For BT-SR 27x27									
KSK 27x27	86361274	White	1.06 x 1.06	1.06 x 1.06	15 / 7	6.00	GP3	119	108
KSK 27x27	86361276	Gray	1.06 x 1.06	1.06 x 1.06	15 / 7	6.00	GP3	127	108
Base carrier type plate									
KSK 95x75	86464016	White	2.95 x 3.74	2.95 x 3.74	52 / 22	1	GP1	300	20

* Specifications of the label size / printable area is shown in Width x Length.

KCT-ECO button labeling







PRODUCT INFORMATION

The KCT-ECO label plates are made of PE composite material on a transparent carrier film and a 3" core; they can be used as an alternative to the PC labels for key/button labelling.

KCT-ECO label plates for button labeling are available in various sizes in white or silver.

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40.00 – 194.00 °F
-  Polyethylene (PE)
-  Can be inscribed with thermal transfer printer, 3 in roll core diameter
Primarily for inside use
-  High tensile strength and tear resistance
In compliance with the requirements of REACH and RoHS

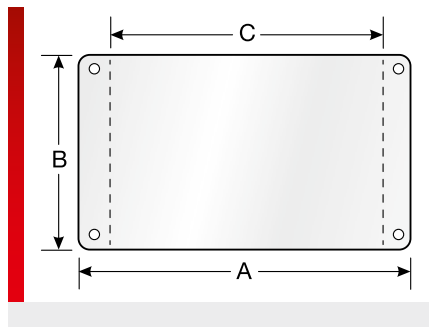


Type	Order No.	Color	Sheet labels size inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
KCT-ECO 22x22	86513200	White	0.87 x 0.87	1.10	FB-TM 40 mm x 300 m	QC0	900
KCT-ECO 22x22	86513250	Silver	0.87 x 0.87	1.10	FB-TM 40 mm x 300 m	QD0	900
KCT-ECO 27x12.5	86513201	White	1.06 x 0.49	1.30	FB-TM 40 mm x 300 m	QC1	900
KCT-ECO 27x12.5	86513251	Silver	1.06 x 0.49	1.30	FB-TM 40 mm x 300 m	QD1	900
KCT-ECO 27x15	86513202	White	1.06 x 0.59	1.30	FB-TM 40 mm x 300 m	QC2	900
KCT-ECO 27x15	86513252	Silver	1.06 x 0.59	1.30	FB-TM 40 mm x 300 m	QD2	900
KCT-ECO 27x18	86513203	White	1.06 x 0.71	1.30	FB-TM 40 mm x 300 m	QC3	900
KCT-ECO 27x18	86513253	Silver	1.06 x 0.71	1.30	FB-TM 40 mm x 300 m	QD3	900
KCT-ECO 27x27	86513204	White	1.06 x 1.06	1.30	FB-TM 40 mm x 300 m	QC4	900
KCT-ECO 27x27	86513254	Silver	1.06 x 1.06	1.30	FB-TM 40 mm x 300 m	QD4	900



System labeling

KST type plate



PRODUCT INFORMATION

Type plate for marking installations, components, housings, and appliances. Fixing with self-adhesive foil. The option of additional securing via rivets or screw-mounting.

Base plates

GPU 140x140 (pulsar)
GPU A4 (plotter)
Label plate (pictor²)

SPECIFICATIONS

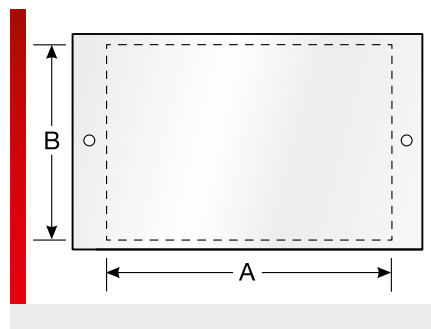
- 40.00 – 266.00 °F
- Polycarbonate
- V0
- Universal label holder

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Type	Order No.	Color	label size in. (A x B)	Printable area in (C x B)	No. characters/ lines	Software type	Pack qty.
KST 52x26 R3	8607140006	White	2.05 x 1.02	1.46 x 1.02	20 / 7	L36	10
KST 74x37 R3	8607140005	White	2.91 x 1.46	2.32 x 1.46	32 / 10	L35	10
KST 84x54 R3	8607140004	White	3.31 x 2.13	2.72 x 2.13	38 / 15	L34	10
KST 100x60 R5	8607140003	White	3.94 x 2.36	3.25 x 2.36	45 / 17	L33	10
KST 120x70 R5	8607140002	White	4.72 x 2.76	4.04 x 2.76	56 / 20	L32	10
KST 139x85 R5	8607140001	White	5.47 x 3.35	4.78 x 3.35	67 / 25	L31	10
KST 139x139 R5	8607140000	White	5.47 x 5.47	4.78 x 5.47	67 / 40	L30	10

KST type plate-set



PRODUCT INFORMATION

Type plate for marking installations, components, housings, and appliances. Additional protection with the transparent cover. Secure attachment with rivets or screw-mounting.

- The complete set consists of the KS base carrier and cover with TA zoom function. These parts are also available individually.
- Instead of the base carrier, you can also label the optional ELO insert and place it between the base carrier and cover.

SPECIFICATIONS

- 40.00 – 266.00 °F
- (KS label and transparent cover TA)
Polycarbonate
ELO label, perforated Polyester film
- V0
- Universal label holder
- Printable KS base plates are halogen-free per DIN/VDE 0472, Part 815

HF

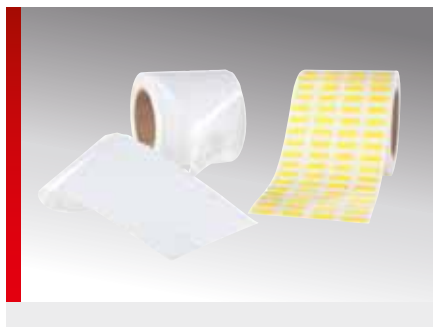
Type	Order No.	Color	label size in. (A x B)	Sheet labels size inch	Printable area in (C x B)	No. characters/lines	No. per frame	No. Per sheet	Base plate	Software type	Pack qty.
Complete set, consisting of printable base carrier and transparent cover with magnifying function											
TS 75x50	86464020	White / Transparent									10
TS 95x75	86464010	White / Transparent									10
Printable base carrier											
KS 75x50	86464022	White	2.95 x 1.97		2.95 x 1.97	41 / 14	1		GP1	301	20
KS 95x75	86464012	White	3.74 x 2.95		3.74 x 2.95	52 / 22	1		GP1	300	20
Transparent cover with magnifying function											
TA 75x50	86464024	Transparent									10
TA 95x75	86464014	Transparent									10
Perforated ELO insert label, suitable for TS type plate set											
ELO 95x55	86561263	Opaque		3.74 x 2.17	3.74 x 2.17	52 / 16		10		AAT	100
ELO 110x75	86561261	Opaque		4.33 x 2.95	4.33 x 2.95	61 / 22		4.00		AAS	40

Optional KSK 95x75 base carrier, self-adhesive (pack of 20 pcs.), Order No. 86464016 (not available as TS complete set)



Thermal transfer labels

ECP-Premium polyester label







PRODUCT INFORMATION


Polyester label for any labeling purpose. Suitable for use in automotive, electronics industries, logistics, machine and plant construction, as well as in medical technology and in the chemical industry.

- Excellent adhesive properties on many surfaces.
- May also be used on powder coated surfaces
- UL and cUL recognized

Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40.00 – 302.00 °F
-  Polyester film
-  Label rail with thermal transfer printer
Roll core diameter 3 inch
-  Self-extinguishing after 15 seconds.
Non-drip

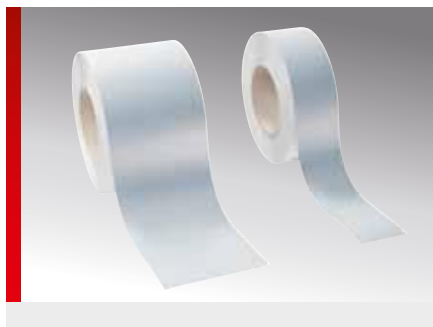


Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
ECP-Premium labels, white							
ECP-Premium 11x6	86511100	White	0.43 x 0.24	3.94	FB-TM 110 mm x 300 m	Q00	10000
ECP-Premium 11x9	86511101	White	0.43 x 0.35	3.94	FB-TM 110 mm x 300 m	Q01	10000
ECP-Premium 15x6	86511102	White	0.59 x 0.24	4.25	FB-TM 110 mm x 300 m	Q02	10000
ECP-Premium 18x6	86511103	White	0.71 x 0.24	4.25	FB-TM 110 mm x 300 m	Q03	10000
ECP-Premium 18x9	86511104	White	0.71 x 0.35	4.25	FB-TM 110 mm x 300 m	Q04	10000
ECP-Premium 20x8	86511114	White	0.79 x 0.31	4.25	FB-TM 110 mm x 300 m	Q12	10000
ECP-Premium 22x22	86511108	White	0.87 x 0.87	4.25	FB-TM 110 mm x 300 m	Q08	2500
ECP-Premium 27x12,5	86511105	White	1.06 x 0.49	4.25	FB-TM 110 mm x 300 m	Q05	5000
ECP-Premium 27x17,5	86511106	White	1.06 x 0.69	4.25	FB-TM 110 mm x 300 m	Q06	5000
ECP-Premium 27x27	86511107	White	1.06 x 1.06	4.25	FB-TM 110 mm x 300 m	Q07	2500
ECP-Premium 60x40	86511111	White	2.36 x 1.57	2.52	FB-TM 110 mm x 300 m	Q09	1500
ECP-Premium 90x60	86511112	White	3.54 x 2.36	3.70	FB-TM 110 mm x 300 m	Q10	1500
ECP-Premium 100x150	86511113	White	3.94 x 5.91	4.09	FB-TM 110 mm x 300 m	Q11	500
ECP-Premium labels, silver							
ECP-Premium 11x6	86511200	Silver	0.43 x 0.24	3.94	FB-TM 110 mm x 300 m	Q26	10000
ECP-Premium 11x9	86511201	Silver	0.43 x 0.35	3.94	FB-TM 110 mm x 300 m	Q27	10000
ECP-Premium 15x6	86511202	Silver	0.59 x 0.24	4.25	FB-TM 110 mm x 300 m	Q28	10000
ECP-Premium 15x250	86511220	Silver	0.59 x 9.84	3.74	FB-TM 110 mm x 300 m	QN5	1500
ECP-Premium 17x40	86511221	Silver	1.57 x 0.67	2.48	FB-TM 110 mm x 300 m	QN6	5000
ECP-Premium 18x6	86511203	Silver	0.71 x 0.24	4.25	FB-TM 110 mm x 300 m	Q29	10000
ECP-Premium 18x9	86511204	Silver	0.71 x 0.35	4.25	FB-TM 110 mm x 300 m	Q30	10000
ECP-Premium 18x52	86511224	Silver	0.71 x 2.05	3.23	FB-TM 110 mm x 300 m	Q01	5000
ECP-Premium 19x250	86511219	Silver	0.75 x 9.84	3.62	FB-TM 110 mm x 300 m	QN4	1200

ECP-Premium polyester label (Continued...)

Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
ECP-Premium 20x8	86511214	Silver	0.79 x 0.31	4.25	FB-TM 110 mm x 300 m	Q38	10000
ECP-Premium 22x22	86511208	Silver	0.87 x 0.87	4.25	FB-TM 110 mm x 300 m	Q34	2500
ECP-Premium 27x12,5	86511205	Silver	1.06 x 0.49	4.25	FB-TM 110 mm x 300 m	Q31	5000
ECP-Premium 27x17,5	86511206	Silver	1.06 x 0.69	4.25	FB-TM 110 mm x 300 m	Q32	5000
ECP-Premium 27x27	86511207	Silver	1.06 x 1.06	4.25	FB-TM 110 mm x 300 m	Q33	2500
ECP-Premium 27x86	86511218	Silver	3.39 x 1.06	3.66	FB-TM 110 mm x 300 m	QN3	2700
ECP-Premium 45x110	86511223	Silver	1.77 x 4.33	3.86	FB-TM 110 mm x 300 m	QN8	1400
ECP-Premium 54x125	86511222	Silver	2.13 x 4.92	2.28	FB-TM 110 mm x 300 m	QN7	600
ECP-Premium 54x190	86511216	Silver	2.13 x 7.48	2.28	FB-TM 110 mm x 300 m	QN1	400
ECP-Premium 54x250	86511217	Silver	2.13 x 9.84	2.28	FB-TM 110 mm x 300 m	QN2	300
ECP-Premium 60x40	86511211	Silver	2.36 x 1.57	2.52	FB-TM 110 mm x 300 m	Q35	1500
ECP-Premium 90x60	86511212	Silver	3.54 x 2.36	3.70	FB-TM 110 mm x 300 m	Q36	1500
ECP-Premium 100x150	86511213	Silver	3.94 x 5.91	4.09	FB-TM 110 mm x 300 m	Q37	500
ECP-Premium 108x442	86511215	Silver	4.25 x 17.4	4.25	FB-TM 110 mm x 300 m	QN0	250
ECP-Premium labels, yellow							
ECP-Premium 11x6	86511000	Yellow	0.43 x 0.24	3.94	FB-TM 110 mm x 300 m	Q13	10000
ECP-Premium 11x9	86511001	Yellow	0.43 x 0.35	3.94	FB-TM 110 mm x 300 m	Q14	10000
ECP-Premium 15x6	86511002	Yellow	0.59 x 0.24	4.25	FB-TM 110 mm x 300 m	Q15	10000
ECP-Premium 18x6	86511003	Yellow	0.71 x 0.24	4.25	FB-TM 110 mm x 300 m	Q16	10000
ECP-Premium 18x9	86511004	Yellow	0.71 x 0.35	4.25	FB-TM 110 mm x 300 m	Q17	10000
ECP-Premium 20x8	86511014	Yellow	0.79 x 0.31	4.25	FB-TM 110 mm x 300 m	Q25	10000
ECP-Premium 21x150	86511015	Yellow	0.83 x 5.91	3.70	FB-TM 110 mm x 300 m	Q02	500
ECP-Premium 22x22	86511008	Yellow	0.87 x 0.87	4.25	FB-TM 110 mm x 300 m	Q21	2500
ECP-Premium 27x12,5	86511005	Yellow	1.06 x 0.49	4.25	FB-TM 110 mm x 300 m	Q18	5000
ECP-Premium 27x17,5	86511006	Yellow	1.06 x 0.69	4.25	FB-TM 110 mm x 300 m	Q19	5000
ECP-Premium 27x27	86511007	Yellow	1.06 x 1.06	4.25	FB-TM 110 mm x 300 m	Q20	2500
ECP-Premium 45x250	86511016	Yellow	1.77 x 9.84	3.70	FB-TM 110 mm x 300 m	Q03	500
ECP-Premium 50x130	86511017	Yellow	1.97 x 5.12	4.25	FB-TM 110 mm x 300 m	Q05	500
ECP-Premium 60x40	86511011	Yellow	2.36 x 1.57	2.52	FB-TM 110 mm x 300 m	Q22	1500
ECP-Premium 70x400	86511018	Yellow	2.76 x 15.75	2.91	FB-TM 110 mm x 300 m	Q06	250
ECP-Premium 80x250	86511225	Yellow	3.15 x 9.84	3.31	FB-TM 110 mm x 300 m	Q04	250
ECP-Premium 90x60	86511012	Yellow	3.54 x 2.36	3.70	FB-TM 110 mm x 300 m	Q23	1500
ECP-Premium 100x150	86511013	Yellow	3.94 x 5.91	4.09	FB-TM 110 mm x 300 m	Q24	500

ECP-Premium continuous polyester label



PRODUCT INFORMATION






Continuous Polyester label for any labeling purpose. Suitable for use in automotive, electronics industries, logistics, machine and plant construction, as well as in medical technology and in the chemical industry.

- Continuous material allows the production of labels in any length

- Excellent adhesive properties on many surfaces
- May also be used on powder coated surfaces
- UL and cUL recognised

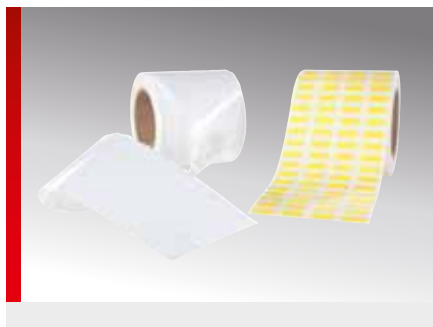
Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

-  -40.00 – 302.00 °F
-  Polyester film
-  Label rail with thermal transfer printer
Roll core diameter 3 inch
-  Self-extinguishing after 15 seconds.
Non-drip
- 

Type	Order No.	Color	Sheet labels Width inch	Roll Length ft.	Recommended printer ribbon	Software type	Pack qty.
Infinite length roll materials							
ECP-Premium 15 - 100m	86511160	White	0.59	328.08	FB-TM 110 mm x 300 m	QP2	100
ECP-Premium 19 - 100m	86511161	White	0.75	328.08	FB-TM 110 mm x 300 m	QP1	100
ECP-Premium 25 - 100m	86511260	Silver	0.98	328.08	FB-TM 110 mm x 300 m	QQ0	100
ECP-Premium 50 - 100m	86511261	Silver	1.97	328.08	FB-TM 110 mm x 300 m	QQ1	100
ECP-Premium 54 - 100m	86511162	White	2.13	328.08	FB-TM 110 mm x 300 m	QP0	100
ECP-Premium 100 - 100m	86511060	Yellow	3.94	328.08	FB-TM 110 mm x 300 m	QR0	100
ECP-Premium 100 - 100m	86511262	Silver	3.94	328.08	FB-TM 110 mm x 300 m	QQ2	100

ECP-ECO polyester label



PRODUCT INFORMATION

Polyester label for any number of labeling needs. Suitable for use in the automotive, electronics industries, logistics, machine and plant construction.

- Good adhesive properties for many surfaces.
- Cost-effective solution

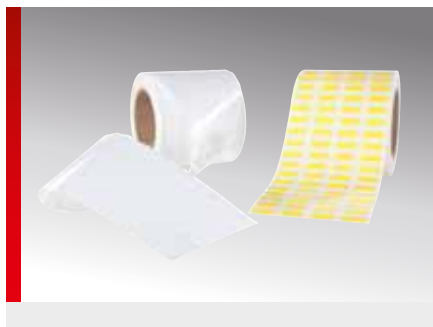
Suitable for mp-TM series thermal transfer printers.

SPECIFICATIONS

- 4.00 – 248 °F
- Polyester film
- Label rail with thermal transfer printer
Roll core diameter 3 inch
- Primarily for inside use

Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
ECP-ECO labels, white							
ECP-ECO 11x6	86511600	White	0.43 x 0.24	3.66	FB-TM 110 mm x 300 m	Q50	10000
ECP-ECO 11x9	86511601	White	0.43 x 0.35	3.66	FB-TM 110 mm x 300 m	Q51	10000
ECP-ECO 15x6	86511602	White	0.59 x 0.24	3.43	FB-TM 110 mm x 300 m	Q52	10000
ECP-ECO 18x6	86511603	White	0.71 x 0.24	4.02	FB-TM 110 mm x 300 m	Q53	10000
ECP-ECO 18x9	86511604	White	0.71 x 0.35	4.02	FB-TM 110 mm x 300 m	Q54	10000
ECP-ECO 22x22	86511608	White	0.87 x 0.87	3.86	FB-TM 110 mm x 300 m	Q58	10000
ECP-ECO 27x12.5	86511605	White	1.06 x 0.49	3.50	FB-TM 110 mm x 300 m	Q55	10000
ECP-ECO 27x17.5	86511606	White	1.06 x 0.69	3.50	FB-TM 110 mm x 300 m	Q56	10000
ECP-ECO 27x27	86511607	White	1.06 x 1.06	3.50	FB-TM 110 mm x 300 m	Q57	10000
ECP-ECO 60x40	86511611	White	2.36 x 1.57	2.52	FB-TM 110 mm x 300 m	Q59	2000
ECP-ECO 90x60	86511612	White	3.54 x 2.36	3.70	FB-TM 110 mm x 300 m	Q60	1500
ECP-ECO 100x150	86511613	White	3.94 x 5.91	4.09	FB-TM 110 mm x 300 m	Q61	600
ECP-ECO labels, silver							
ECP-ECO 11x6	86511700	Silver	0.43 x 0.24	3.66	FB-TM 110 mm x 300 m	Q74	10000
ECP-ECO 11x9	86511701	Silver	0.43 x 0.35	3.66	FB-TM 110 mm x 300 m	Q75	10000
ECP-ECO 15x6	86511702	Silver	0.59 x 0.24	3.43	FB-TM 110 mm x 300 m	Q76	10000
ECP-ECO 18x6	86511703	Silver	0.71 x 0.24	4.02	FB-TM 110 mm x 300 m	Q77	10000
ECP-ECO 18x9	86511704	Silver	0.71 x 0.35	4.02	FB-TM 110 mm x 300 m	Q78	10000
ECP-ECO 22x22	86511708	Silver	0.87 x 0.87	3.86	FB-TM 110 mm x 300 m	Q82	10000
ECP-ECO 27x12.5	86511705	Silver	1.06 x 0.49	3.50	FB-TM 110 mm x 300 m	Q79	10000
ECP-ECO 27x17.5	86511706	Silver	1.06 x 0.69	3.50	FB-TM 110 mm x 300 m	Q80	10000
ECP-ECO 27x27	86511707	Silver	1.06 x 1.06	3.50	FB-TM 110 mm x 300 m	Q81	10000
ECP-ECO 60x40	86511711	Silver	2.36 x 1.57	2.52	FB-TM 110 mm x 300 m	Q83	2000

ECP-ECO polyester label (Continued...)



Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
ECP-ECO 90x60	86511712	Silver	3.54 x 2.36	3.70	FB-TM 110 mm x 300 m	Q84	1500
ECP-ECO 100x150	86511713	Silver	3.94 x 5.91	4.09	FB-TM 110 mm x 300 m	Q85	600
ECP-ECO labels, yellow							
ECP-ECO 11x6	86511500	Yellow	0.43 x 0.24	3.66	FB-TM 110 mm x 300 m	Q62	10000
ECP-ECO 11x9	86511501	Yellow	0.43 x 0.35	3.66	FB-TM 110 mm x 300 m	Q63	10000
ECP-ECO 15x6	86511502	Yellow	0.59 x 0.24	3.43	FB-TM 110 mm x 300 m	Q64	10000
ECP-ECO 18x6	86511503	Yellow	0.71 x 0.24	4.02	FB-TM 110 mm x 300 m	Q65	10000
ECP-ECO 18x9	86511504	Yellow	0.71 x 0.35	4.02	FB-TM 110 mm x 300 m	Q66	10000
ECP-ECO 22x22	86511508	Yellow	0.87 x 0.87	3.86	FB-TM 110 mm x 300 m	Q70	10000
ECP-ECO 27x12.5	86511505	Yellow	1.06 x 0.49	3.50	FB-TM 110 mm x 300 m	Q67	10000
ECP-ECO 27x17.5	86511506	Yellow	1.06 x 0.69	3.50	FB-TM 110 mm x 300 m	Q68	10000
ECP-ECO 27x27	86511507	Yellow	1.06 x 1.06	3.50	FB-TM 110 mm x 300 m	Q69	10000
ECP-ECO 60x40	86511511	Yellow	2.36 x 1.57	2.52	FB-TM 110 mm x 300 m	Q71	2000
ECP-ECO 90x60	86511512	Yellow	3.54 x 2.36	3.70	FB-TM 110 mm x 300 m	Q72	1500
ECP-ECO 100x150	86511513	Yellow	3.94 x 5.91	4.09	FB-TM 110 mm x 300 m	Q73	600

TEA - polyester label



PRODUCT INFORMATION

The TEA (Thermotransfer-Etikett-Automotive) label series was developed especially for the automotive industry to meet the need for an efficient, customer optimised solution. It complies with the current requirements. Polyester 50 µm film comes with a slight gloss and a surface coating to ensure outstanding colour fixing when inscribing with thermal transfer print systems and synthetic resin-based thermal transfer ribbons. The smooth surface of the material enables full-coverage colour transfer, ensuring precise lettering. The polyester labels are suitable for adhesion to metal, gloss paints and high surface energy plastics. The permanent ac-

rylate adhesive exhibits high initial adhesion and at least 1006 N/m FTM 1 on steel after 72 hours. The silver polyester labels are UL-certified for thermal transfer printing using our resin ribbons.

TEA - Polyester labels are suitable for

- Device identification in areas protected from the weather
- Components with smooth surfaces
- Components without curves or corners

Suitable for mp-TM series thermal transfer printers and pavonis (with external unwinder).

SPECIFICATIONS

	-40.00 – 302.00 °F
	Polyester film
	Label rail with thermal transfer printer Roll core diameter 3 inch

Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
Rectangular design							
TEA 15x250	86496555	Silver	0.59 x 9.84	3.82	FH 110mm x 300m	QR6	1500
TEA 18x52	86496557	Silver	0.71 x 2.05	4.09	FH 110mm x 300m	QR8	5000
TEA 19x250	86496556	Silver	0.75 x 9.84	4.09	FH 110mm x 300m	QR7	1000
TEA 26x70	86496558	Silver	1.02 x 2.76	3.78	FH 110mm x 300m	QR9	2500
TEA 27x86	86496559	Silver	1.06 x 3.39	3.90	FH 110mm x 300m	QS0	2000
TEA 45x110	86496560	Silver	1.77 x 4.33	4.02	FH 110mm x 300m	QS1	1300
TEA 54x125	86496552	Silver	2.13 x 4.92	2.28	FH 110mm x 300m	QR3	500
TEA 54x188	86496553	Silver	2.13 x 7.4	2.28	FH 110mm x 300m	QR4	400
TEA 54x250	86496554	Silver	2.13 x 9.84	2.28	FH 110mm x 300m	QR5	300
TEA 70x213	86496561	Silver	2.76 x 8.39	2.99	FH 110mm x 300m	QS2	350
TEA 100x150	86496550	Silver	3.94 x 5.91	4.09	FH 110mm x 300m	QR1	500
TEA 105x429	86496551	Silver	4.13 x 16.89	4.25	FH 110mm x 300m	QR2	180

TEP - polyester label



PRODUCT INFORMATION

Polyester 50 µm film comes with a slight gloss and a surface coating to ensure outstanding color fixing when inscribing with thermal transfer print systems and synthetic resin-based thermal transfer ribbons. The smooth surface of the material enables full-cover color transfer, ensuring precise lettering. The polyester labels are suitable for adhesion to metal, gloss paints and high surface energy plastics. The permanent acrylate adhesive exhibits high initial adhesion and at least 1006 N/m FTM 1 on steel after 72 hours. The silver polyester labels are UL-




certified for thermal transfer printing using our resin ribbons.



TEP - Polyester labels are suitable for

- Device identification in areas protected from the weather
- Components with smooth surfaces
- Components without curves or corners

Suitable for use with pavonis thermal transfer printers and the mp-TM series (with external unwinder).

SPECIFICATIONS

-  -40.00 – 302.00 °F
-  Polyester film
-  Label rail with thermal transfer printer
Roll core diameter 1 inch

Type	Order No.	Color	Label size length x width inch	Sheet labels diameter inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
Rectangular design								
TEP 6.35x6.35	86496100	White	0.25 x 0.25		4.09	FH 90mm x 300m	N00	10000
TEP 12.7x11	86496101	White	0.5 x 0.43		3.35	FH 90mm x 300m	N01	10000
TEP 12.7x11	86496301	Yellow	0.5 x 0.43		3.35	FH 90mm x 300m	O01	10000
TEP 12.7x11	86496501	Silver	0.5 x 0.43		3.35	FH 90mm x 300m	P01	10000
TEP 15x6.35	86496102	White	0.59 x 0.25		4.13	FH 110mm x 300m	N02	10000
TEP 15x6.35	86496302	Yellow	0.59 x 0.25		4.13	FH 110mm x 300m	O02	10000
TEP 15x6.35	86496502	Silver	0.59 x 0.25		4.13	FH 110mm x 300m	P02	10000
TEP 16x9	86496103	White	0.63 x 0.35		3.86	FH 110mm x 300m	N03	10000
TEP 16x9	86496303	Yellow	0.63 x 0.35		3.86	FH 110mm x 300m	O03	10000
TEP 16x9	86496503	Silver	0.63 x 0.35		3.86	FH 110mm x 300m	P03	10000
TEP 16.5x5.1	86496104	White	0.65 x 0.2		3.15	FH 80mm x 300m	N04	10000
TEP 16.5x5.1	86496304	Yellow	0.65 x 0.2		3.15	FH 80mm x 300m	O04	10000
TEP 16.5x5.1	86496504	Silver	0.65 x 0.2		3.15	FH 80mm x 300m	P04	10000
TEP 17x7.4	86496105	White	0.67 x 0.29		3.78	FH 110mm x 300m	N05	10000
TEP 17x7.4	86496305	Yellow	0.67 x 0.29		3.78	FH 110mm x 300m	O05	10000
TEP 18x8	86496106	White	0.71 x 0.31		4.13	FH 110mm x 300m	N06	10000
TEP 18x8	86496306	Yellow	0.71 x 0.31		4.13	FH 110mm x 300m	O06	10000
TEP 18x8	86496506	Silver	0.71 x 0.31		4.13	FH 110mm x 300m	P06	10000
TEP 18x12.7	86496107	White	0.71 x 0.5		3.66	FH 110mm x 300m	N07	10000
TEP 18x12.7	86496507	Silver	0.71 x 0.5		3.66	FH 110mm x 300m	P07	10000
TEP 19x6.35	86496108	White	0.75 x 0.25		3.35	FH 90mm x 300m	N08	10000
TEP 19x6.35	86496308	Yellow	0.75 x 0.25		3.35	FH 90mm x 300m	O08	10000

TEP - polyester label (Continued...)



Type	Order No.	Color	Label size length x width inch	Sheet labels diameter inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
TEP 19x6.35	86496508	Silver	0.75 x 0.25		3.35	FH 90mm x 300m	P08	10000
TEP 20x8	86496109	White	0.79 x 0.31		4.13	FH 110mm x 300m	N09	10000
TEP 20x8	86496309	Yellow	0.79 x 0.31		4.13	FH 110mm x 300m	O09	10000
TEP 20x8	86496509	Silver	0.79 x 0.31		4.13	FH 110mm x 300m	P09	10000
TEP 20x9	86496110	White	0.79 x 0.35		3.98	FH 110mm x 300m	N10	10000
TEP 20x9	86496310	Yellow	0.79 x 0.35		3.98	FH 110mm x 300m	O10	10000
TEP 20x9	86496510	Silver	0.79 x 0.35		3.98	FH 110mm x 300m	P10	10000
TEP 22x22	86496545	Silver	0.87 x 0.87		3.54	FH 90mm x 300m	P45	10000
TEP 23x6	86496111	White	0.91 x 0.24		4.33	FH 110mm x 300m	N11	10000
TEP 25x8	86496112	White	0.98 x 0.31		3.35	FH 90mm x 300m	N12	10000
TEP 25x8	86496312	Yellow	0.98 x 0.31		3.35	FH 90mm x 300m	O12	10000
TEP 25x8	86496512	Silver	0.98 x 0.31		3.35	FH 90mm x 300m	P12	10000
TEP 25.4x12.7	86496113	White	1.0 x 0.5		3.35	FH 90mm x 300m	N13	9000
TEP 25.4x12.7	86496313	Yellow	1.0 x 0.5		3.35	FH 90mm x 300m	O13	9000
TEP 25.4x12.7	86496513	Silver	1.0 x 0.5		3.35	FH 90mm x 300m	P13	9000
TEP 27x12.5	86496548	Silver	1.06 x 0.49		3.54	FH 90mm x 300m	P48	10000
TEP 27x18	86496547	Silver	1.06 x 0.71		3.54	FH 90mm x 300m	P47	10000
TEP 27x27	86496546	Silver	1.06 x 1.06		3.54	FH 90mm x 300m	P46	10000
TEP 31.8x9.4	86496114	White	1.25 x 0.37		2.76	FH 70mm x 300m	N14	10000
TEP 31.8x9.4	86496314	Yellow	1.25 x 0.37		2.76	FH 70mm x 300m	O14	10000
TEP 31.8x9.4	86496514	Silver	1.25 x 0.37		2.76	FH 70mm x 300m	P14	10000
TEP 36x12.7	86496115	White	1.42 x 0.5		3.15	FH 80mm x 300m	N15	10000
TEP 36x12.7	86496315	Yellow	1.42 x 0.5		3.15	FH 80mm x 300m	O15	10000
TEP 36x12.7	86496515	Silver	1.42 x 0.5		3.15	FH 80mm x 300m	P15	10000
TEP 38.1x6.35	86496116	White	1.5 x 0.25		3.35	FH 90mm x 300m	N16	10000
TEP 38.1x6.35	86496516	Silver	1.5 x 0.25		3.35	FH 90mm x 300m	P16	10000
TEP 38x19	86496117	White	1.5 x 0.75		3.35	FH 90mm x 300m	N17	4000
TEP 38x19	86496317	Yellow	1.5 x 0.75		3.35	FH 90mm x 300m	O17	4000
TEP 38x19	86496517	Silver	1.5 x 0.75		3.35	FH 90mm x 300m	P17	4000
TEP 38x23	86496118	White	1.5 x 0.91		3.35	FH 90mm x 300m	N18	3000
TEP 38x23	86496318	Yellow	1.5 x 0.91		3.35	FH 90mm x 300m	O18	3000
TEP 38x23	86496518	Silver	1.5 x 0.91		3.35	FH 90mm x 300m	P18	3000
TEP/S 45x40	86492300	Yellow	1.77 x 1.57		3.70	FH 110mm x 300m	O55	1500
TEP 48x8	86496119	White	1.89 x 0.31		2.20	FH 60mm x 300m	N19	10000
TEP 48x8	86496519	Silver	1.89 x 0.31		2.20	FH 60mm x 300m	P19	10000
TEP 50.8x25.4	86496120	White	2.0 x 1.0		2.24	FH 60mm x 300m	N20	3000
TEP 50.8x25.4	86496320	Yellow	2.0 x 1.0		2.24	FH 60mm x 300m	O20	3000

TEP - polyester label (Continued...)

Type	Order No.	Color	Label size length x width inch	Sheet labels diameter inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
TEP 50.8x25.4	86496520	Silver	2.0 x 1.0		2.24	FH 60mm x 300m	P20	3000
TEP 55x15	86496121	White	2.17 x 0.59		2.36	FH 60mm x 300m	N21	5000
TEP 55x15	86496321	Yellow	2.17 x 0.59		2.36	FH 60mm x 300m	O21	5000
TEP 55x15	86496521	Silver	2.17 x 0.59		2.36	FH 60mm x 300m	P21	5000
TEP 56x9.5	86496122	White	2.2 x 0.37		2.36	FH 60mm x 300m	N22	3000
TEP 60x34	86496123	White	2.36 x 1.34		2.52	FH 70mm x 300m	N23	2500
TEP 60x34	86496323	Yellow	2.36 x 1.34		2.52	FH 70mm x 300m	O23	2500
TEP 60x34	86496523	Silver	2.36 x 1.34		2.52	FH 70mm x 300m	P23	2500
TEP 60x40	86496124	White	2.36 x 1.57		2.52	FH 70mm x 300m	N24	2500
TEP 60x40	86496324	Yellow	2.36 x 1.57		2.52	FH 70mm x 300m	O24	2500
TEP 60x40	86496524	Silver	2.36 x 1.57		2.52	FH 70mm x 300m	P24	2500
TEP 70x25.4	86496125	White	2.76 x 1.0		2.99	FH 80mm x 300m	N25	3000
TEP 70x25.4	86496325	Yellow	2.76 x 1.0		2.99	FH 80mm x 300m	O25	3000
TEP 70x25.4	86496525	Silver	2.76 x 1.0		2.99	FH 80mm x 300m	P25	3000
TEP 70x32	86496126	White	2.76 x 1.26		2.99	FH 80mm x 300m	N26	3000
TEP 70x32	86496326	Yellow	2.76 x 1.26		2.99	FH 80mm x 300m	O26	3000
TEP 70x32	86496526	Silver	2.76 x 1.26		2.99	FH 80mm x 300m	P26	3000
TEP 74x37	86496127	White	2.91 x 1.46		3.15	FH 80mm x 300m	N27	2000
TEP 74x37	86496327	Yellow	2.91 x 1.46		3.15	FH 80mm x 300m	O27	2000
TEP 74x37	86496527	Silver	2.91 x 1.46		3.15	FH 80mm x 300m	P27	2000
TEP 76.2x25.4	86496128	White	3.0 x 1.0		3.15	FH 80mm x 300m	N28	3000
TEP 76.2x25.4	86496328	Yellow	3.0 x 1.0		3.15	FH 80mm x 300m	O28	3000
TEP 76.2x25.4	86496528	Silver	3.0 x 1.0		3.15	FH 80mm x 300m	P28	3000
TEP 76.2x50.8	86496129	White	3.0 x 2.0		3.15	FH 80mm x 300m	N29	2500
TEP 76.2x50.8	86496329	Yellow	3.0 x 2.0		3.15	FH 80mm x 300m	O29	2500
TEP 76.2x50.8	86496529	Silver	3.0 x 2.0		3.15	FH 80mm x 300m	P29	2500
TEP 80x8	86496130	White	3.15 x 0.31		3.35	FH 90mm x 300m	N30	3000
TEP 80x8	86496530	Silver	3.15 x 0.31		3.35	FH 90mm x 300m	P30	3000
TEP 80x40	86496131	White	3.15 x 1.57		3.35	FH 90mm x 300m	N31	3000
TEP 80x40	86496331	Yellow	3.15 x 1.57		3.35	FH 90mm x 300m	O31	3000
TEP 80x40	86496531	Silver	3.15 x 1.57		3.35	FH 90mm x 300m	P31	3000
TEP 90x45	86496132	White	3.54 x 1.77		3.78	FH 110mm x 300m	N32	2500
TEP 90x45	86496532	Silver	3.54 x 1.77		3.78	FH 110mm x 300m	P32	2500
TEP 90x60	86496133	White	3.54 x 2.36		3.78	FH 110mm x 300m	N33	2000
TEP 90x60	86496333	Yellow	3.54 x 2.36		3.78	FH 110mm x 300m	O33	2000
TEP 90x60	86496533	Silver	3.54 x 2.36		3.78	FH 110mm x 300m	P33	2000
TEP 100x150	86496134	White	3.94 x 5.91		4.09	FH 110mm x 300m	N34	500
TEP 100x150	86496334	Yellow	3.94 x 5.91		4.09	FH 110mm x 300m	O34	500
TEP 100x150	86496534	Silver	3.94 x 5.91		4.09	FH 110mm x 300m	P34	500
TEP 105x52	86496135	White	4.13 x 2.05		4.33	FH 110mm x 300m	N35	1000
TEP 105x52	86496335	Yellow	4.13 x 2.05		4.33	FH 110mm x 300m	O35	1000
TEP 105x52	86496535	Silver	4.13 x 2.05		4.33	FH 110mm x 300m	P35	1000
TEP 105x52	86496145	Signal yellow	4.13 x 2.05		4.33	FH 110mm x 300m	A67	1000
Safety label								
TEP 16x9	86496549	Silver	0.63 x 0.35		3.86	FH 110mm x 300m	N81	10000

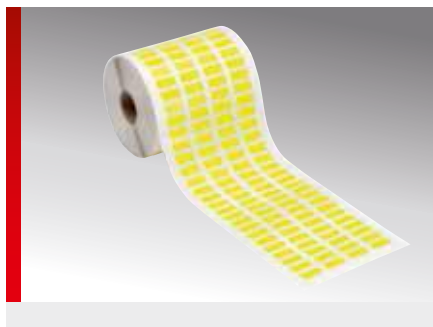
TEP - polyester label (Continued...)



Type	Order No.	Color	Label size length x width inch	Sheet labels diameter inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
Round design								
TEP Ø 30.0	86496340	Yellow		1.18	4.25	FH 110mm x 300m	O40	3000
TEP Ø 30.0	86496540	Silver		1.18	4.25	FH 110mm x 300m	P40	3000
Continuous-feed material; roll length 40 m¹⁾								
TEP 25E ¹⁾	86496141	White	0.98		1.18	FH 40mm x 300m	N41	131.23
TEP 25E ¹⁾	86496541	Silver	0.98		1.18	FH 40mm x 300m	P41	131.23
TEP 50E ¹⁾	86496142	White	1.97		2.17	FH+ 55mm x 300m	N42	131.23
TEP 50E ¹⁾	86496342	Yellow	1.97		2.17	FH+ 55mm x 300m	O42	131.23
TEP 50E ¹⁾	86496542	Silver	1.97		2.17	FH+ 55mm x 300m	P42	131.23
TEP 75E ¹⁾	86496143	White	2.95		3.15	FH 80mm x 300m	N43	131.23
TEP 75E ¹⁾	86496343	Yellow	2.95		3.15	FH 80mm x 300m	O43	131.23
TEP 75E ¹⁾	86496543	Silver	2.95		3.15	FH 80mm x 300m	P43	131.23
TEP 100E ¹⁾	86496144	White	3.94		4.13	FH 110mm x 300m	N44	131.23
TEP 100E ¹⁾	86496344	Yellow	3.94		4.13	FH 110mm x 300m	O44	131.23
TEP 100E ¹⁾	86496544	Silver	3.94		4.13	FH 110mm x 300m	P44	131.23

¹⁾Label size information for continuous-feed material = label size

TEG - fabric label



PRODUCT INFORMATION

This self-adhesive, silicon-free, woven nylon fabric is both flexible and tear-resistant. Fabric labels have a surface coating to ensure outstanding color fixing when lettering using thermal transfer print systems and resin- or wax/resin-based thermal transfer ribbons. The permanent acrylate adhesive features high initial adhesion, meaning labels can be processed easily. These labels are especially well suited for marking electrical systems, tagging devices, for adhesion over edges or radii, for cable designations or for use in switching cabinet installations.

TEG - fabric labels are suitable for

- device identification of all kinds
- components with smooth and textured surface finishes
- components with and without curves or corners

Suitable for use with pavonis thermal transfer printers and the mp-TM series (with external unwinder).

SPECIFICATIONS

- 22.00 – 212.00 °F
- Nylon fabric
- Label rail with thermal transfer printer
Roll core diameter 1 inch

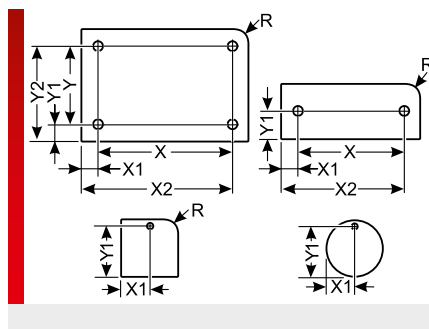


Type	Order No.	Color	Label size length x width inch	Roll width inch	Recommended printer ribbon	Software type	Pack qty.
TEG 11x6	86497121	White	0.43 x 0.24	3.70	FH 110mm x 300m	N80	10000
TEG 15x6	86497315	Yellow	0.59 x 0.24	4.13	FH 110mm x 300m	071	10000
TEG 15x9	86497116	White	0.59 x 0.35	4.13	FH 110mm x 300m	N72	10000
TEG 15x9	86497316	Yellow	0.59 x 0.35	4.13	FH 110mm x 300m	072	10000
TEG 17x6	86497317	Yellow	0.67 x 0.24	3.78	FH 110mm x 300m	073	10000
TEG 17x9	86497318	Yellow	0.67 x 0.35	3.78	FH 110mm x 300m	074	10000
TEG 18x8	86497100	White	0.71 x 0.31	4.13	FH 110mm x 300m	N56	10000
TEG 18x8	86497300	Yellow	0.71 x 0.31	4.13	FH 110mm x 300m	056	10000
TEG 19x6	86497319	Yellow	0.75 x 0.24	3.35	FH 90mm x 300m	075	10000
TEG 19x9	86497320	Yellow	0.75 x 0.35	3.35	FH 90mm x 300m	076	10000
TEG 20x8	86497102	White	0.79 x 0.31	4.13	FH 110mm x 300m	N58	10000
TEG 20x8	86497302	Yellow	0.79 x 0.31	4.13	FH 110mm x 300m	058	10000
TEG 25x8	86497305	Yellow	0.98 x 0.31	3.35	FH 90mm x 300m	061	10000
TEG 25.4x12.7	86497106	White	1.0 x 0.5	3.35	FH 90mm x 300m	N62	9000
TEG 25.4x12.7	86497306	Yellow	1.0 x 0.5	3.35	FH 90mm x 300m	062	9000
TEG 38x19	86497109	White	1.5 x 0.75	3.35	FH 90mm x 300m	N65	4000
TEG 38x19	86497309	Yellow	1.5 x 0.75	3.35	FH 90mm x 300m	065	4000
TEG 38.1x6.35	86497108	White	1.5 x 0.25	3.35	FH 90mm x 300m	N64	10000
TEG 50.8x25.4	86497111	White	2.0 x 1.0	2.24	FH 60mm x 300m	N67	3000
TEG 50.8x25.4	86497311	Yellow	2.0 x 1.0	2.24	FH 60mm x 300m	067	3000
TEG 76.2x25.4	86497113	White	3.0 x 1.0	3.15	FH 80mm x 300m	N69	3000



Laser labeling materials

EST stainless steel type plate



PRODUCT INFORMATION

V4A stainless steel label plates to be used as type plates. Fastened with either rivets or screws.

Marking can only be done with a laser printer system (e.g. pulsar) or with an engraving system suitable for engraving stainless steel (e.g. CAM).

Special design for demanding environments

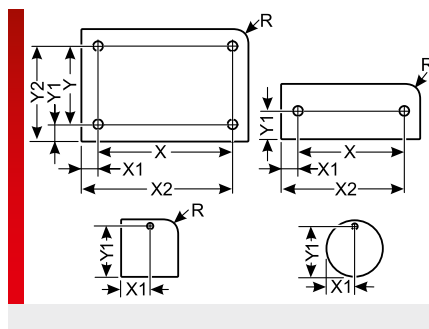
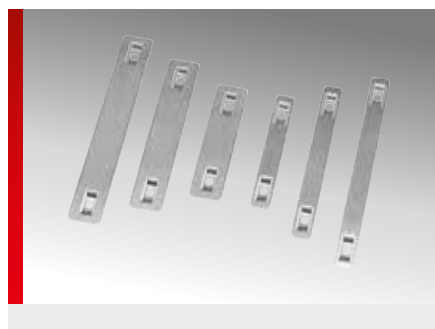
- in the chemical or petrochemical industries
- in the mining industry
- in the ship building industry
- in wind energy plants
- in the food industry

SPECIFICATIONS

- 112.00 – 932.00 °F
- Stainless steel V4A
- V0
- Single-line and multi-line inscription

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	Software type	Pack qty.
Stainless steel single label								
EST 30x30 R5	8605148007	Brushed stainless steel	0.04	1.18 x 0.87	16 / 6	1x 0.16	A62	90
EST 52x26 R3	8605148006	Brushed stainless steel	0.04	1.46 x 1.02	20 / 7	2x 0.10	L16	40
EST 74x37 R3	8605148005	Brushed stainless steel	0.04	2.32 x 1.46	32 / 10	4x 0.10	L15	20
EST 84x54 R3	8605148004	Brushed stainless steel	0.04	2.72 x 2.13	38 / 15	4x 0.10	L14	10
EST 100x60 R5	8605148003	Brushed stainless steel	0.04	3.25 x 2.36	45 / 17	4x 0.15	L13	10
EST 120x70 R5	8605148002	Brushed stainless steel	0.04	4.04 x 2.76	56 / 20	4x 0.15	L12	10
EST 139x85 R5	8605148001	Brushed stainless steel	0.04	4.78 x 3.35	67 / 25	4x 0.15	L11	10
EST 139x139 R5	8605148000	Brushed stainless steel	0.04	4.78 x 5.47	67 / 40	4x 0.15	L10	10

ESK cable designation on stainless steel



PRODUCT INFORMATION

V4A stainless steel labels for cable designation with a material thickness of 0.02 in (0.5 mm). Mounted with cable ties. The labels are installed on a plastic holder.

Marking can only be done with a laser printer system (e.g. mp-LM series).

Special design for demanding environments

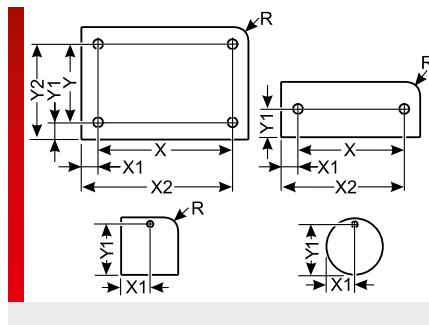
- in the chemical or petrochemical industries
- in the mining industry
- in the ship building industry
- in wind energy plants
- in the food industry

SPECIFICATIONS

- 112.00 – 932.00 °F
- Stainless steel V4A
- V0
-
-

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	No. per frame	Software type	Pack qty.
ESK 60x9 L	8605190015	Brushed stainless steel	0.02	1.1 x 0.35	15 / 2	2x 0.14	10	L05	30
ESK 80x9 L	8605190014	Brushed stainless steel	0.02	1.89 x 0.35	26 / 2	2x 0.14	10	L04	30
ESK 100x9 L	8605190013	Brushed stainless steel	0.02	2.68 x 0.35	37 / 2	2x 0.14	10	L03	30
ESK 60x15 L	8605190012	Brushed stainless steel	0.02	1.1 x 0.59	15 / 4	2x 0.14	7.00	L02	21
ESK 80x15 L	8605190011	Brushed stainless steel	0.02	1.89 x 0.59	26 / 4	2x 0.14	7.00	L01	21
ESK 100x15 L	8605190010	Brushed stainless steel	0.02	2.68 x 0.59	37 / 4	2x 0.14	7.00	L00	21

LA Laser alu



INFORMATIONS PRODUITS

The laser has served us well for years, especially for engraving and labelling of metals. Marking anodised aluminium with the laser produces great contrast, durability, precision, great readability and can be done with great speed.

- Optionally available with self-adhesive foil (SK), strong self-adhesive foil (SSK) or adhesive foil (HF)
- Available in square versions with and without corner radius, in round versions (circular blanks), optionally with holes, slots or granulation

SPÉCIFICATIONS

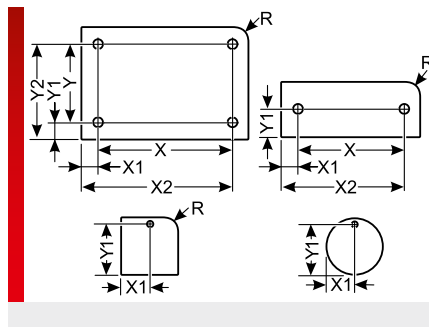
- 40 – 140 °C temporaire 200 °C
- Aluminium anodisé (ALU)
- V0

Type	Order No.	Colour	Label size in	Printable area in	No. characters/lines	Hole patterns Number x Ø in	Diameter in	No. per frame	Software type	Pack qty.
Rectangular without radius										
LA 45x12 HF	8610100037	Black	1.77 x 0.47	1.77 x 0.47	25 / 3			16	LI7	64
LA 45x12 SK	8610100042	Black	1.77 x 0.47	1.77 x 0.47	25 / 3			16	LM8	64
Rectangular without radius, 1x hole										
LA 45x29 HF, 1x22,5MM	8610100050	Black	1.77 x 1.14	0.71 x 1.14	10 / 8	1x 0.89		6	LR2	24
Rectangular without radius, 2x hole										
LA 40x10 HF, 2x3,0MM	8610100051	Silver	1.57 x 0.39	0.94 x 0.39	13 / 2	2x 0.12		20	LR3	80
LA 40x15 HF, 2x3,0MM	8610100059	Silver	1.57 x 0.59	0.94 x 0.59	13 / 4	2x 0.12		14	LS6	56
Rectangular with radius										
LA 30x15 R2 SKS	8610100029	Silver	1.18 x 0.59	1.18 x 0.59	16 / 4			21	LH9	84
LA 40x80 R2 SK	8610100036	Silver	1.57 x 3.15	1.57 x 3.15	22 / 23			2	LI6	8
LA 50x15 R2 SKS	8610100034	Black	1.97 x 0.59	1.97 x 0.59	27 / 4			14	LI4	56
LA 50x15 R2 SKS	8610100035	Silver	1.97 x 0.59	1.97 x 0.59	27 / 4			14	LI5	56
LA 100x50 R2 SKS	8610100032	Black	3.94 x 1.97	3.94 x 1.97	55 / 14			2	LI2	8
LA 100x50 R2 SKS	8610100031	Silver	3.94 x 1.97	3.94 x 1.97	55 / 14			2	LI1	8
LA 100x100 R2 SKS	8610100033	Silver	3.94 x 3.94	3.94 x 3.94	55 / 29			1	LI3	4
LA 110x30 R4 SKS	8610100040	Black	4.33 x 1.18	4.33 x 1.18	61 / 8			2	LL8	12
Rectangular with radius, 1x hole										
LA 20x20 R7 HF, 1x2,5MM	8610100039	Black	0.79 x 0.79	0.79 x 0.53	11 / 3	1x 0.10		25	LL5	100
Rectangular with radius, 2x hole										
LA 30x15 R2 HF, 2x3,5MM	8610100002	Anodised silver	1.18 x 0.59	0.67 x 0.59	9 / 4	2x 0.14		21	LC1	72

LA Laser alu (suite)

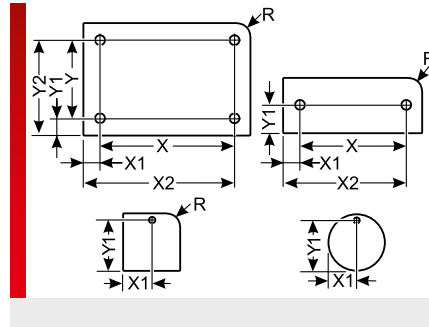
Type	Order No.	Colour	Label size in	Printable area in	No. characters/ lines	Hole patterns Number x Ø in	Diameter in	No. per frame	Soft- ware type	Pack qty.
LA 30x15 R2 HF, 2x3,5MM	8610100016	Anodised black	1.18 x 0.59	0.67 x 0.59	9 / 4	2x 0.14		21	LD5	72
LA 30x15 R2 HF, 2x4,2MM	8610100004	Anodised silver	1.18 x 0.59	0.59 x 0.59	8 / 4	2x 0.17		21	LC3	72
LA 30x15 R2 HF, 2x4,2MM	8610100018	Anodised black	1.18 x 0.59	0.59 x 0.59	8 / 4	2x 0.17		21	LD7	72
LA 40x15 R2 HF, 2x3,0MM	8610100056	Silver	1.57 x 0.59	0.98 x 0.59	13 / 4	2x 0.12		14	LS3	56
LA 50x15 R2 HF, 2x3,0MM	8610100003	Anodised silver	1.97 x 0.59	1.42 x 0.59	20 / 4	2x 0.12		12	LC2	48
LA 50x15 R2 HF, 2x3,0MM	8610100017	Anodised black	1.97 x 0.59	1.42 x 0.59	20 / 4	2x 0.12		12	LD6	48
LA 50x15 R2 HF, 2x4,2MM	8610100005	Anodised silver	1.97 x 0.59	1.34 x 0.59	18 / 4	2x 0.17		12	LC4	48
LA 50x15 R2 HF, 2x4,2MM	8610100019	Anodised black	1.97 x 0.59	1.34 x 0.59	18 / 4	2x 0.17		12	LD8	48
LA 50x15,1 R2 HF, 2x3,5MM	8610100048	Silver	1.97 x 0.59	1.28 x 0.59	18 / 4	2x 0.14		12	LQ2	48
LA 52x18 R2 HF, 2x2,8MM	8610100006	Anodised silver	2.05 x 0.71	1.50 x 0.71	21 / 5	2x 0.11		10	LC5	40
LA 52x18 R2 HF, 2x2,8MM	8610100020	Anodised black	2.05 x 0.71	1.50 x 0.71	21 / 5	2x 0.11		10	LD9	40
LA 52x18 R2 HF, 2x3,2MM	8610100052	Silver	2.05 x 0.71	1.50 x 0.71	21 / 5	2x 0.13		10	LR9	40
LA 55x35 R2 HF, 2x3,0MM	8610100057	Silver	2.17 x 1.38	1.57 x 1.38	22 / 10	2x 0.12		6	LS4	24
LA 60x40 R3 HF, 2x4,5MM	8610100053	Silver	2.36 x 1.57	1.61 x 1.57	22 / 11	2x 0.18		2	LS0	8
LA 70x27 R2 HF, 2x3,3MM	8610100054	Silver	2.76 x 1.06	2.17 x 1.06	30 / 7	2x 0.13		4	LS1	16
LA 74x18 R2,5 HF, 2x3,2MM	8610100028	Anodised black	2.91 x 0.71	2.39 x 0.71	33 / 5	2x 0.13		6	LE7	24
LA 80x18 R2 HF, 2x3,2MM	8610100055	Silver	3.15 x 0.71	2.66 x 0.71	37 / 5	2x 0.13		5	LS2	20
LA 100x50 R2 HF, 2x3,0MM	8610100058	Silver	3.94 x 1.97	3.35 x 1.97	47 / 14	2x 0.12		2	LS5	8
Rectangular with radius, 4x hole										
LA 60x15 R2 HF, 4x3,0MM	8610100043	Silver	2.36 x 0.59	1.77 x 0.59	25 / 4	4x 0.12		7	LM9	28
LA 60x30 R2 HF, 4x3,0MM	8610100044	Silver	2.36 x 1.18	1.77 x 1.18	25 / 8	4x 0.12		3	LN0	12
LA 100x40 R2 SK, 4x3,0MM	8610100030	Silver	3.94 x 1.57	3.35 x 1.57	47 / 11	4x 0.12		2	LI0	8
LA 100x50 R2 SK, 4x2,5MM	8610100049	Silver	3.94 x 1.97	3.40 x 1.97	48 / 14	4x 0.10		2	LQ2	8
LA 100x60 R2 HF, 4x3,0MM	8610100045	Silver	3.94 x 2.36	3.35 x 2.36	47 / 17	4x 0.12		1	LN1	4
LA 111x111 R2 HF, 4x3,0MM	8610100046	Silver	4.37 x 4.37	3.78 x 4.37	53 / 32	4x 0.12		1	LN2	4
Rectangular with radius, 4x oblong hole										
LA 40x12 R1,5 HF, 4x (5x3MM)	8610100007	Anodised silver	1.57 x 0.47	0.91 x 0.47	12 / 3	4x (0.20x0.12)		16	LC6	64
LA 40x12 R1,5 HF, 4x (5x3MM)	8610100021	Anodised black	1.57 x 0.47	0.91 x 0.47	12 / 3	4x (0.20x0.12)		16	LE0	64
LA 40x12 R2 HF, 4x (5x3MM)	8610100047	Silver	1.57 x 0.47	0.91 x 0.47	12 / 3	4x (0.20x0.12)		16	LO0	64
LA 60x12 R2 HF, 4x (5x3MM)	8610100001	Anodised silver	2.36 x 0.47	1.65 x 0.47	23 / 3	4x (0.20x0.12)		8	LC0	32
LA 60x12 R2 HF, 4x (5x3MM)	8610100015	Anodised black	2.36 x 0.47	1.65 x 0.47	23 / 3	4x (0.20x0.12)		8	LD4	32
LA 60x17 R1,5 HF, 4x (7x3MM)	8610100000	Anodised silver	2.36 x 0.67	1.42 x 0.67	20 / 5	4x (0.28x0.12)		6	LB9	24
LA 60x17 R1,5 HF, 4x (7x3MM)	8610100014	Anodised black	2.36 x 0.67	1.42 x 0.67	20 / 5	4x (0.28x0.12)		6	LD3	24
Circular blanks (round version), 1 hole										
LA Ronds D=20 HF, 1x3,5MM	8610100008	Anodised silver				1x 0.14	0.79	25	LC7	100
LA Ronds D=20 HF, 1x3,5MM	8610100022	Anodised black				1x 0.14	0.79	25	LE1	100
LA Ronds D=20 HF, 1x4,2MM	8610100011	Anodised silver				1x 0.17	0.79	25	LD0	100
LA Ronds D=20 HF, 1x4,2MM	8610100025	Anodised black				1x 0.17	0.79	25	LE4	100
LA Ronds D=25 HF, 1x3,5MM	8610100038	Black				1x 0.13	0.98	16	LL4	64
LA Ronds D=25 HF, 1x3,5MM	8610100009	Anodised silver				1x 0.14	0.98	16	LC8	64
LA Ronds D=25 HF, 1x3,5MM	8610100023	Anodised black				1x 0.14	0.98	16	LE2	64
LA Ronds D=25 HF, 1x4,2MM	8610100012	Anodised silver				1x 0.17	0.98	16	LD1	64
LA Ronds D=25 HF, 1x4,2MM	8610100026	Anodised black				1x 0.17	0.98	16	LE5	64

LA Laser alu (suite)



Type	Order No.	Colour	Label size in	Printable area in	No. characters/ lines	Hole patterns Number x Ø in	Diameter in	No. per frame	Soft- ware type	Pack qty.
LA Ronds D=30 HF, 1x3,5MM	8610100010	Anodised silver				1x 0.14	1.18	9	LC9	36
LA Ronds D=30 HF, 1x3,5MM	8610100024	Anodised black				1x 0.14	1.18	9	LE3	36
LA Ronds D=30 HF, 1x4,2MM	8610100013	Anodised silver				1x 0.17	1.18	9	LD2	36
LA Ronds D=30 HF, 1x4,2MM	8610100027	Anodised black				1x 0.17	1.18	9	LE6	36

LAM Laser Alumatt



INFORMATIONS PRODUITS

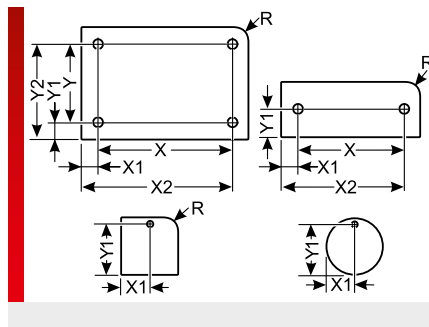
Laser Alumatt consists of coated aluminium, suitable for laser engraving. The surface is coated for laser engraving. After laser marking with a Murrplastik mp-LM series laser marking system the engraving appears in black.

SPÉCIFICATIONS

- 20 – 80 °C temporaire 120 °C
- Aluminium laqué (ALU)
- A1

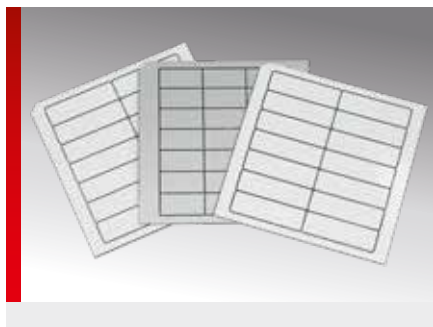
Type	Order No.	Colour	Label size in	Printable area in	No. characters/lines	Hole patterns Number x Ø in	Diameter in	No. per frame	Software type	Pack qty.
Rectangular with radius										
LAM 25x10 R2 SK	8610140061	Silver	0.98 x 0.39	0.98 x 0.39	13 / 2			40	LQ3	160
LAM 30x10 R2 SKS	8610140057	Silver	1.18 x 0.39	1.18 x 0.39	16 / 2			30	LP2	120
LAM 55x55 R2 SK	8610140055	Silver	2.17 x 2.17	2.17 x 2.17	30 / 16			4	LN4	16
LAM 70x18 R2 SKS	8610140060	Silver	2.76 x 0.71	2.76 x 0.71	38 / 5			5	LP8	20
Rectangular without radius, 1x hole										
LAM 30x12 HF, 1x2,5MM	8610140044	Silver	1.18 x 0.47	1.18 x 6,0	16 / 1	1x 0.10		24	LG8	96
Rectangular without radius, 2x hole										
LAM 36x36 HF, 2x2,5MM	8610140038	Silver	1.42 x 1.42	1.02 x 1.42	14 / 10	2x 0.10		9	LG3	36
LAM 37x9 HF, 2x2,5MM	8610140037	Silver	1.46 x 0.35	1 x 0.35	14 / 2	2x 0.10		33	LG4	132
LAM 40x15 HF, 2x3,2MM	8610140033	Silver	1.57 x 0.59	0.93 x 0.59	13 / 4	2x 0.13		14	LG6	56
LAM 40x25 HF, 2x3,2MM	8610140034	Silver	1.57 x 0.98	0.93 x 0.98	13 / 7	2x 0.13		8	LG7	32
LAM 40x25 HF, 2x3,5MM	8610140051	Silver	1.57 x 0.98	0.98 x 0.98	13 / 7	2x 0.14		8	LM4	32
LAM 40x40 HF, 2x3,5MM	8610140052	Silver	1.57 x 1.57	0.98 x 1.57	13 / 11	2x 0.14		4	LM5	16
LAM 60x25 HF, 2x3,5MM	8610140053	Silver	2.36 x 0.98	1.77 x 0.98	25 / 7	2x 0.14		4	LM6	16
LAM 60x40 HF, 2x3,5MM	8610140054	Silver	2.36 x 1.57	1.77 x 1.57	25 / 11	2x 0.14		2	LM7	8
LAM 74x52 SK, 2x2,6MM	8610140049	Silver	2.91 x 2.05	2.48 x 2.05	35 / 15	2x 0.10		2	LK9	8
Rectangular without radius, 4x oblong hole										
LAM 40x12 HF, 4x (5,0x3,0MM)	8610140056	Silver	1.57 x 0.47	0.79 x 0.47	11 / 3	4x (0.20x0.12)		16	L01	64
Rectangular without radius, 4x hole										
LAM 74x52 SK, 4x2,6MM	8610140050	Silver	2.91 x 2.05	2.32 x 2.05	32 / 15	4x 0.10		2	LL6	8

LAM Laser Alumatt (suite)



Type	Order No.	Colour	Label size in	Printable area in	No. characters/lines	Hole patterns Number x Ø in	Dia-meter in	No. per frame	Software type	Pack qty.
Rectangular with radius, 1x hole										
LAM 20x20 R7 HF, 1x2,5MM	8610140046	Silver	0.79 x 0.79	0.79 x 13,7	11 / 4	1x 0.10		25	LK4	100
Rectangular with radius, 2x hole										
LAM 30x15 R2 HF, 2x3,5MM	8610140002	Silver	1.18 x 0.59	0.67 x 0.59	9 / 4	2x 0.14		18	LA2	72
LAM 30x15 R2 HF, 2x4,2MM	8610140004	Silver	1.18 x 0.59	0.59 x 0.59	8 / 4	2x 0.17		18	LA4	72
LAM 37x13 R2 HF, 2x2,6MM	8610140062	Silver	1.46 x 0.51	0.94 x 0.51	13 / 3	2x 0.10		16	LQ4	64
LAM 37x13 R2 SK, 2x2,6MM	8610140047	Silver	1.46 x 0.51	0.98 x 0.51	13 / 3	2x 0.10		16	LK7	64
LAM 45x10 R2 HF, 2x2,5MM	8610140045	Silver	1.77 x 0.39	1.28 x 0.39	18 / 2	2x 0.10		20	LI9	80
LAM 50x15 R2 HF, 2x3,0MM	8610140003	Silver	1.97 x 0.59	1.42 x 0.59	20 / 4	2x 0.12		12	LA3	48
LAM 50x15 R2 HF, 2x4,2MM	8610140005	Silver	1.97 x 0.59	1.34 x 0.59	18 / 4	2x 0.17		12	LA5	48
LAM 52x18 R2 HF, 2x2,8MM	8610140006	Silver	2.05 x 0.71	1.50 x 0.71	21 / 5	2x 0.11		10	LA6	40
LAM 70x27 R2 HF, 2x3,3MM	8610140039	Silver	2.76 x 1.06	2.18 x 1.06	30 / 7	2x 0.13		4	LH3	16
Rectangular with radius, 4x hole										
LAM 85x65 R2 HF, 4x4,0MM (E)	8610140042	Silver	3.35 x 2.56	2.64 x 2.56	37 / 19	4x 0.16		1	LH6	4
LAM 100x40 R2 HF, 4x3,3MM (E)	8610140040	Silver	3.94 x 1.57	3.36 x 1.57	47 / 11	4x 0.13		1	LH4	4
LAM 100x60 R2 HF, 4x3,3MM (E)	8610140041	Silver	3.94 x 2.36	3.36 x 2.36	47 / 17	4x 0.13		1	LH5	4
Rectangular with radius, 2x oblong hole										
LAM 37x9 R2 HF, 2x (2,8x5,0MM)	8610140043	Silver	1.46 x 0.35	1 x 0.35	14 / 2	2x (0.11x0.20)		33	LH8	132
Rectangular with radius, 4x oblong hole										
LAM 34x10 R1 HF, 4x (5,4x2MM)	8610140010	Silver	1.34 x 0.39	0.71 x 0.39	10 / 2	4x (0.21x0.08)		27	LB0	108
LAM 40x12 R1,5 HF, 4x (5x3MM)	8610140007	Silver	1.57 x 0.47	0.91 x 0.47	12 / 3	4x (0.20x0.12)		16	LA7	64
LAM 44x10 R1 HF, 4x (5,4x2MM)	8610140009	Silver	1.73 x 0.39	1.10 x 0.39	15 / 2	4x (0.21x0.08)		18	LA9	72
LAM 54x12 R1 HF, 4x (5,4x2MM)	8610140008	Silver	2.13 x 0.47	1.50 x 0.47	21 / 3	4x (0.21x0.08)		16	LA8	64
LAM 54x20 R2 HF, 4x (6,0x2,5MM)	8610140059	Silver	2.13 x 0.79	1.30 x 0.79	18 / 5	4x (0.24x0.10)		10	LP4	40
LAM 60x12 R2 HF, 4x (5x3MM)	8610140001	Silver	2.36 x 0.47	1.65 x 0.47	23 / 3	4x (0.20x0.12)		8	LA1	32
LAM 60x17 R1,5 HF, 4x (7x3MM)	8610140000	Silver	2.36 x 0.67	1.42 x 0.67	20 / 5	4x (0.28x0.12)		6	LA0	24
LAM 64x14 R1 HF, 4x (5,4x2MM)	8610140011	Silver	2.52 x 0.55	1.89 x 0.55	26 / 4	4x (0.21x0.08)		7	LB1	28
LAM 68x10 R1 HF, 4x (5,4x2MM)	8610140012	Silver	2.68 x 0.39	2.09 x 0.39	29 / 2	4x (0.21x0.08)		9	LB2	36
LAM 80x20 R2 HF, 4x (6,0x2,5MM)	8610140058	Silver	3.15 x 0.79	2.32 x 0.79	32 / 5	4x (0.24x0.10)		5	LP3	20
Circular blanks (round version), 1 hole										
LAM D=20 HF, 1x3,5MM	8610140013	Silver				1x 0.14	0.79	25	LB3	100
LAM D=20 HF, 1x4,2MM	8610140016	Silver				1x 0.17	0.79	25	LB6	100

LM Laser Mat



INFORMATIONS PRODUITS

Laser Mat is a double-layer material with an UV resistant colour outer layer for marking with a laser from the mp-LM family.

- Optionally available with self-adhesive foil (SK), strong self-adhesive foil (SSK) or adhesive foil (HF)

- Available in square versions with and without corner radius, in round versions (circular blanks), optionally with holes, slots or granulation
- Thickness: 0.03 in or 0.06 in (0.8 mm or 1.5 mm)

SPÉCIFICATIONS



-20 – 85 °C

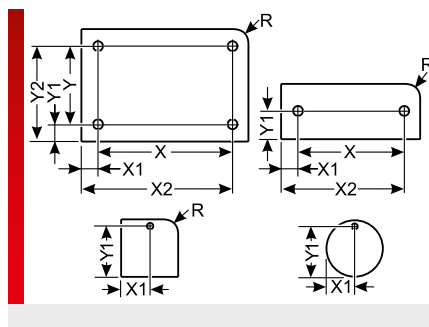
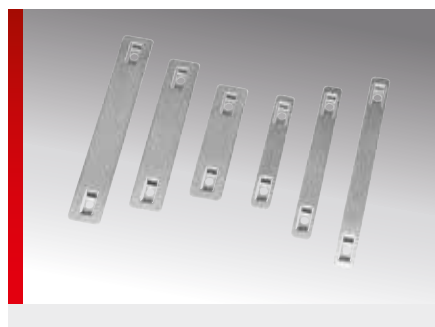


Marquage monoligne et multiligne



Type	Order No.	Colour	Label size in	Printable area in	No. characters/lines	No. per frame	Software type	Pack qty.
Rectangular design								
LM 18.5x9.5 SK	8610200009	Siemens silver/black	0.03	0.73 x 0.37	10 / 2	55	L98	220
LM 22x10 SK	8610200003	Siemens silver/black	0.03	0.87 x 0.39	12 / 2	50	L92	200
LM 22x10 SK	8610200020	White / Black	0.03	0.87 x 0.39	12 / 2	50	LI8	200
LM 22x22 SK	8610200002	Siemens silver/black	0.03	0.87 x 0.87	12 / 6	25	L91	100
LM 27x15 SK	8610200064	White / Black	0.03	1.06 x 0.59	15 / 4	28	LU2	112
LM 27x18 HF	8610200043	Siemens silver/black	0.03	1.06 x 0.71	15 / 5	24	LP9	96
LM 27x18 HF	8610200084	White / Black	0.03	1.06 x 0.71	15 / 5	24	LZ6	96
LM 27x18 SK	8610200004	Siemens silver/black	0.03	1.06 x 0.71	15 / 5	24	L93	96
LM 28x15 HF	8610200073	White / Black	0.03	1.10 x 0.59	15 / 4	21	LW0	84
LM 30x15 SK	8610200028	Siemens silver/black	0.03	1.18 x 0.59	16 / 4	21	LN5	84
LM 30x15 HF	8610200016	Siemens silver/black	0.03	1.18 x 0.59	16 / 4	21	M30	84
LM 40x7.3 HF	8610200027	White / Black	0.03	1.57 x 0.29	22 / 2	28	LM2	112
LM 40x9 HF	8610200055	Siemens silver/black	0.03	1.57 x 0.35	22 / 2	22	LS7	88
LM 40x20 SKS	8610200044	White / Black	0.03	1.57 x 0.79	22 / 5	10	LQ0	40
LM 55x19 SKS	8610200077	White / Black	0.03	2.17 x 0.75	30 / 5	10	LY0	40
LM 74x37 SKS	8610200061	Siemens silver/black	0.03	2.91 x 1.46	41 / 10	3	LT7	12
LM 95x45 SK	8610200098	Siemens silver/black	0.03	3.74 x 1.77	52 / 13	2	LOZ	8
LM 95x120 SK	8610200069	White / Black	0.03	3.74 x 4.72	52 / 35	1	LV1	4
LM 120x120 HF	8610200046	Siemens silver/black	0.03	4.72 x 4.72	66 / 35	1	LQ5	4
LM 120x120 HF	8610200104	White / Black	0.03	4.72 x 4.72	66 / 35	1	L1H	4
LM 120x120 HF	8610200103	Yellow / Black	0.03	4.72 x 4.72	66 / 35	1	L1G	4
LM 120x120 SK	8610200047	Siemens silver/black	0.03	4.72 x 4.72	66 / 35	1	LQ6	4
LM 120x120 SKS	8610200048	Siemens silver/black	0.03	4.72 x 4.72	66 / 35	1	LQ7	4

ESK cable designation on stainless steel



PRODUCT INFORMATION

V4A stainless steel labels for cable designation with a material thickness of 0.02 in (0.5 mm). Mounted with cable ties. The labels are installed on a plastic holder.

Marking can only be done with a laser printer system (e.g. pulsar).

Special design for demanding environments

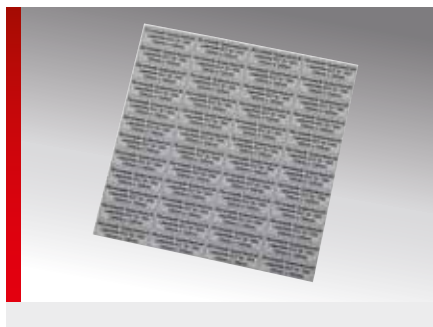
- in the chemical or petrochemical industries
- in the mining industry
- in the ship building industry
- in wind energy plants
- in the food industry

SPECIFICATIONS

- 112.00 – 932.00 °F
- Stainless steel V4A
- V0
- Single-line and multi-line inscription

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/ lines	Hole patterns Number x Ø in	No. per frame	Software type	Pack qty.
ESK 60x9	8605190005	Brushed stainless steel	0.02	1.1 x 0.35	15 / 2	2x 0.14	10	L05	120
ESK 80x9	8605190004	Brushed stainless steel	0.02	1.89 x 0.35	26 / 2	2x 0.14	10	L04	120
ESK 100x9	8605190003	Brushed stainless steel	0.02	2.68 x 0.35	37 / 2	2x 0.14	10	L03	120
ESK 60x15	8605190002	Brushed stainless steel	0.02	1.1 x 0.59	15 / 4	2x 0.14	7.00	L02	80
ESK 80x15	8605190001	Brushed stainless steel	0.02	1.89 x 0.59	26 / 4	2x 0.14	7.00	L01	80
ESK 100x15	8605190000	Brushed stainless steel	0.02	2.68 x 0.59	37 / 4	2x 0.14	7.00	L00	80

ELF foil laser label



PRODUCT INFORMATION

The double-layer ELF laser label foil is ideal for the production of custom adhesive labels and displays a reliable, permanent adhesion on Polyolefine (PE/PP), slightly oily or powder coated surfaces.

The halogen-free Polyacrylate foil is very resistant to chemicals, temperature and other environmental influences and in case of fire it is self-extinguishing after 15 seconds. Complete cover of high-contrast base colors. Labeling and cutting is done with a laser labeling system.

The user can freely define the size and number of labels within the printable area.

External extraction system

For laser inscribing of ELF laser label foil, you must scrub the exhaust air or route it outside (observing statutory provisions) as a precautionary measure to ensure that the strong odors that the machine can produce do not endanger the health of employees. An external extraction system can be connected directly to the MP laser labeling system using an adapter.

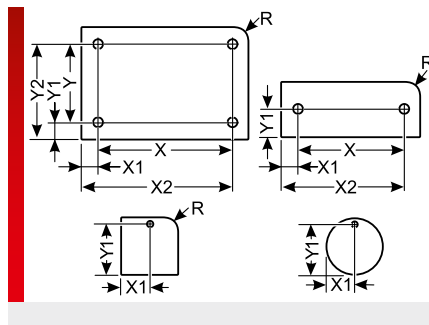
SPECIFICATIONS

- 40.00 – 572.00 °F
- Polyacrylate
- Single-line and multi-line inscription
- External suction system mandatory



Type	Order No.	Color	Printable area inch	No. characters/lines	Software type	Pack qty.
ELF 120x120 SI/SW	86563002	Silver / Black	4.69 x 4.69	66 / 35	A64	100
ELF 120x120 SW/WS	86563050	Black / Withe	4.65 x 4.65	65 / 34	A63	100

Aluminum anodized ALU/K



PRODUCT INFORMATION

The ALU/K labeling material, in mat size 139x139 mm, has been developed especially for the Pulsar laser printer.

- Colored anodized aluminum material
- Available with self-adhesive foil (SK) or with adhesive foil (HF).
- Individual or prefab labels

- Temperature range up to approx. 392 °F
- Thickness: 0.04 in (1.0 mm)
- Inscription technique: Lasers

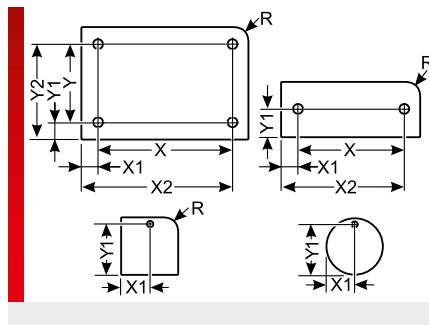
ALU/K is available with self-adhesive foil (SK), self-adhesive foil with foam adhesive (SKS), specialty adhesive foil (SOK) or with adhesive foil (HF).

SPECIFICATIONS

- 40.00 – 212.00 °F
- Aluminum anodized (ALU/K)
- V0
-
-

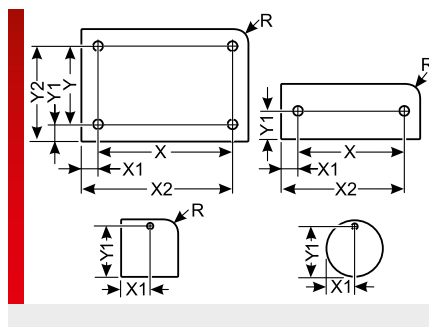
Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	Diameter inch	Software type	Pack qty.
Rectangular design									
ALU/K 30x20 HF	8606206003	Anodized black	0.04	1.18 x 0.79	16 / 5			I82	240
ALU/K 100x50 HF	8606206001	Anodized black	0.04	3.94 x 1.97	55 / 14			D08	20
ALU/K 130x55 HF	8606206002	Anodized black	0.04	5.12 x 2.17	72 / 16			D09	20
Rectangular design with one hole									
ALU/K 30x20 SK, 1x3.0 mm	8606210001	Anodized silver	0.04	1.18 x 0.55	16 / 4	1x 0.12		H24	240
ALU/K 30x60 HF, 1x22.5 mm	8606216002	Anodized silver	0.04	1.18 x 0.79	16 / 5	1x 0.89		G80	80
ALU/K 50x30 HF, 1x22.5 mm	8606216001	Anodized silver	0.04	1.97 x 1.18	27 / 8	1x 0.89		E43	80
Rectangular design with 2 holes									
ALU/K 26x15 SKS, 2x2.3 mm	8606222006	Anodized black	0.04	0.66 x 0.59	9 / 4	2x 0.09		I71	450
ALU/K 37x13 HF, 2x2.5 mm	8606226011	Anodized black	0.04	1.06 x 0.51	15 / 3	2x 0.10		M43	300
ALU/K° 40x15 HF, 2x2.5 mm	8606226000	Anodized silver	0.04	1.18 x 0.59	16 / 4	2x 0.10		I02	270
ALU/K 40x20 SKS, 2x2.3 mm	8606222005	Anodized black	0.04	1.21 x 0.79	17 / 5	2x 0.09		I70	180
ALU/K 40x30 HF, 2x2.5 mm	8606226010	Anodized black	0.04	1.18 x 1.18	16 / 8	2x 0.10		M42	120
ALU/K 45x15 HF, 2x2.5 mm	8606226026	Anodized black	0.04	1.38 x 0.59	19 / 4	2x 0.10		H63	270
ALU/K 45x25 HF, 2x4.2 mm	8606226003	Anodized black	0.04	1.11 x 0.98	15 / 7	2x 0.17		I40	150
ALU/K 45x25 HF, 2x4.2 mm	8606226002	Silver / Black	0.04	1.11 x 0.98	15 / 7	2x 0.17		I40	150
ALU/K 50x13 HF, 2x2.5 mm	8606226005	Anodized silver	0.04	1.57 x 0.51	22 / 3	2x 0.10		D71	200
ALU/K 60x10 HF, 2x3,5MM	8606226012	Anodized black	0.04	1.99 x 0.39	28 / 2	2x 0.14		Z29	260
ALU/K 60x15 SKS, 2x2.3 mm	8606222004	Anodized black	0.04	2.0 x 0.59	28 / 4	2x 0.09		I69	180
ALU/K 60x60 HF, 2x2.5 mm	8606226009	Anodized black	0.04	1.97 x 2.36	27 / 17	2x 0.10		M41	40
ALU/K 70x10 SK, 2x2.2 mm	8606220001	Anodized black	0.04	2.41 x 0.39	34 / 2	2x 0.09		H32	130
ALU/K 80x15 SKS, 2x2.3 mm	8606222003	Anodized black	0.04	2.79 x 0.59	39 / 4	2x 0.09		I68	90
ALU/K 90x25 HF, 2x3.0 mm	8606226007	Anodized black	0.04	3.07 x 0.98	43 / 7	2x 0.12		J22	50
ALU/K 90x30 HF, 2x3.5 mm	8606226001	Anodized silver	0.04	2.99 x 1.18	42 / 8	2x 0.14		I16	40

Aluminum anodized ALU/K (Continued...)



Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	Diameter inch	Software type	Pack qty.
ALU/K 100x15 HF, 2x2.50 mm	8606226004	Anodized red	0.04	3.54 x 0.59	50 / 4	2x 0.10		D02	90
ALU/K 100x30 HF, 2x3.0 mm	8606226008	Anodized black	0.04	3.46 x 1.18	48 / 8	2x 0.12		J23	40
ALU/K 100x30 HF, 2x3.0 mm	8606226006	Anodized blue	0.04	3.46 x 1.18	48 / 8	2x 0.12		J19	40
ALU/K 100x70 SKS, 2x2.3 mm	8606222002	Anodized black	0.04	3.57 x 2.76	50 / 20	2x 0.09		I67	10
ALU/K 139x25 SKS, 2x2.3 mm	8606222001	Anodized black	0.04	5.11 x 0.98	72 / 7	2x 0.09		I66	50
Rectangular design with 4 holes									
ALU/K 100x80 HF, 4x4.0 mm	8606246001	Anodized black	0.04	3.31 x 3.15	46 / 23	4x 0.16		J20	10
ALU/K 105x52 HF, 4x2.5 mm	8606246000	Anodized red	0.04	3.74 x 2.05	52 / 15	4x 0.10		I37	20
ALU/K 110x55 HF, 4x3.0 mm	8606246002	Anodized black	0.04	3.86 x 2.17	54 / 16	4x 0.12		J21	20
ALU/K 120x34 HF, 4x3,5MM	8606246013	Anodized black	0.04	4.31 x 1.34	60 / 10	4x 0.14		Z30	40
ALU/K 120x120 HF, 4x2.5 mm	8606246003	Anodized black	0.04	4.33 x 4.72	61 / 35	4x 0.10		M40	10
ALU/K 139,8x60 HF, 4x3,4MM	8606246014	Anodized black	0.04	4.98 x 2.36	70 / 17	4x 0.13		Z31	20
Rectangular design with corner radius									
ALU/K° 13x8 R2 SOK	8606104000	Anodized black	0.04	0.51 x 0.31	7 / 2			D36	1700
ALU/K 22x22 R2 SK	8606100005	Anodized black	0.04	0.87 x 0.87	12 / 6			H07	360
ALU/K 22x22 R2 SK	8606100004	Anodized silver	0.04	0.87 x 0.87	12 / 6			E49	360
ALU/K 25x10 R2 SK	8606100000	Anodized silver	0.04	0.98 x 0.39	13 / 2			I14	650
ALU/K° 25x10 R2 SK	8606100001	Anodized black	0.04	0.98 x 0.39	13 / 2			I15	650
ALU/K° 25x10 R2 SK	8606100003	Silver / Black	0.04	0.98 x 0.39	13 / 2			I28	650
ALU/K 27x18 R2 SK	8606100010	Anodized black	0.04	1.06 x 0.71	15 / 5			L42	350
ALU/K 27x18 R2 SK	8606100011	Silver / Black	0.04	1.06 x 0.71	15 / 5			L43	350
ALU/K 27x27 R2 SK	8606100006	Anodized silver	0.04	1.06 x 1.06	15 / 7			H23	250
ALU/K 50x25 R2 SK	8606100009	Anodized black	0.04	1.97 x 0.98	27 / 7			K94	100
ALU/K 139.5x139.5 R2 SK	8606100007	Anodized black	0.04	5.49 x 5.49	77 / 41			K87	10
ALU/K 139.5x139.5 R2 SK	8606100008	Silver / Black	0.04	5.49 x 5.49	77 / 41			K88	10
ALU/K° 130x30 R4 SKS	8606102001	Anodized black	0.04	5.12 x 1.18	72 / 8			I39	40
Rectangular design with corner radius and 1 hole									
ALU/K 19x15 R9.5 HF, 1x3.2 mm	8606116006	Anodized black	0.04	0.75 x 0.34	10 / 2	1x 0.13		G27	630
ALU/K° 20x20 R7 HF, 1x2.5 mm	8606116001	Anodized black	0.04	0.79 x 0.59	11 / 4	1x 0.10		I05	360
ALU/K° 20x20 R7 HF, 1x2.5 mm	8606116000	Anodized silver	0.04	0.79 x 0.59	11 / 4	1x 0.10		I00	360
ALU/K° 20x20 R7 HF, 1x2.5 mm	8606116002	Silver / Black	0.04	0.79 x 0.59	11 / 4	1x 0.10		I20	360
ALU/K 20x20 R7 HF, 1x2.6 mm	8606116004	Anodized silver	0.04	0.39 x 0.79	5 / 5	1x 0.10		D89	360
ALU/K 25x20 R2 HF, 1x3.0 mm	8606116007	Anodized black	0.04	0.98 x 0.55	13 / 4	1x 0.12		H99	300
ALU/K 25x20 R2 HF, 1x3.0 mm	8606116008	Anodized silver	0.04	0.98 x 0.57	13 / 4	1x 0.12		K47	300

Aluminum anodized ALU/K (Continued...)

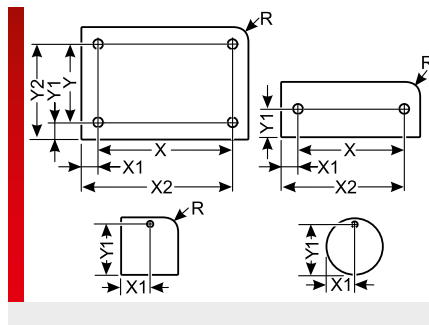


Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	Diameter inch	Software type	Pack qty.
ALU/K 38x30 R1 HF, 1x16.5 mm	8606116005	Anodized silver	0.04	1.5 x 1.18	21 / 8	1x 0.65		G22	120
Rectangular design with corner radius and 2 holes									
ALU/K° 30x8 R2 HF, 2x2.5 mm	8604126031	Anodized black	0.04	0.79 x 0.31	11 / 2	2x 0.10		I51	680
ALU/K° 30x8 R2 HF, 2x2.5 mm	8606126006	Silver / Black	0.04	0.79 x 0.31	11 / 2	2x 0.10		I22	680
ALU/K° 30x8 R2 SK, 2x2.5 mm	8604120004	Anodized black	0.04	0.79 x 0.31	11 / 2	2x 0.10		I52	680
ALU/K° 30x8 R2 SK, 2x2.5 mm	8606120001	Silver / Black	0.04	0.79 x 0.31	11 / 2	2x 0.10		I23	680
ALU/K 30x8 R2 SOK, 2x2.5 mm	8606124001	Anodized black	0.04	0.79 x 0.31	11 / 2	2x 0.10		H31	680
ALU/K 30x8 R2 HF, 2x3.0 mm	8606126026	Anodized black	0.04	0.71 x 0.31	10 / 2	2x 0.12		J29	0.00
ALU/K 30x10 R1 SK, 2x2.5 mm	8606120008	Anodized black	0.04	0.89 x 0.39	12 / 2	2x 0.10		K45	520
ALU/K 30x10 R1 SK, 2x2.5 mm	8606120009	Silver / Black	0.04	0.89 x 0.39	12 / 2	2x 0.10		K46	192
ALU/K 30x10 R1 HF, 2x2.5 mm	8606126011	Anodized silver	0.04	0.79 x 0.39	11 / 2	2x 0.10		I33	520
ALU/K 30x15 R2 HF, 2x2.5 mm	8606126025	Anodized black	0.04	0.79 x 0.59	11 / 4	2x 0.10		H62	360
ALU/K 30x15 R1 SK, 2x2.5 mm	8606120006	Anodized black	0.04	0.89 x 0.59	12 / 4	2x 0.10		K43	360
ALU/K 30x15 R1 SK, 2x2.5 mm	8606120007	Silver / Black	0.04	0.89 x 0.59	12 / 4	2x 0.10		K44	360
ALU/K° 30x15 R2 HF, 2x4.0 mm	8606126004	Anodized black	0.04	0.55 x 0.59	7 / 4	2x 0.16		I07	360
ALU/K° 30x15 R2 HF, 2x4.0 mm	8606126000	Anodized silver	0.04	0.55 x 0.59	7 / 4	2x 0.16		I01	360
ALU/K° 30x15 R2 HF, 2x4.0 mm	8606126005	Silver / Black	0.04	0.55 x 0.79	7 / 5	2x 0.16		I21	360
ALU/K 34x9 R2 HF, 2x2.5 mm	8606126015	Anodized silver	0.04	0.94 x 0.35	13 / 2	2x 0.10		D96	600
ALU/K 40x10 R2 HF, 2x2.5 mm	8606126014	Anodized black	0.04	1.18 x 0.39	16 / 2	2x 0.10		D48	390
ALU/K° 45x10 R2 HF, 2x2.5 mm	8606126003	Anodized black	0.04	1.38 x 0.39	19 / 2	2x 0.10		I06	390
ALU/K° 45x10 R2 HF, 2x2.5 mm	8606126002	Anodized silver	0.04	1.38 x 0.39	19 / 2	2x 0.10		I04	390
ALU/K° 45x10 R2 HF, 2x2.5 mm	8606126007	Silver / Black	0.04	1.38 x 0.39	19 / 2	2x 0.10		I24	390
ALU/K 45x14 R1 HF, 2x2.5 mm	8606126018	Anodized silver	0.04	1.38 x 0.55	19 / 4	2x 0.10		E44	270
ALU/K 45x18 R2 HF, 2x3.5 mm	8606126012	Anodized silver	0.04	1.22 x 0.71	17 / 5	2x 0.14		B80	210
ALU/K 45x26 R1 HF, 2x2.5 mm	8606126022	Anodized silver	0.04	1.38 x 1.02	19 / 7	2x 0.10		E48	150
ALU/K 50x15 R2 SK, 2x3.0 mm	8606120004	Anodized black	0.04	1.5 x 0.59	21 / 4	2x 0.12		I88	180
ALU/K 50x15 R2 SK, 2x3.0 mm	8606120005	Silver / Black	0.04	1.5 x 0.59	21 / 4	2x 0.12		I89	180
ALU/K° 50x15 R2 HF, 2x3.5 mm	8606126001	Anodized silver	0.04	1.42 x 0.59	20 / 4	2x 0.14		I03	180
ALU/K 52x18 R2 HF, 2x2.5 mm	8606126013	Anodized black	0.04	1.65 x 0.71	23 / 5	2x 0.10		D47	140
ALU/K 60x30 R2 HF, 2x3.0 mm	8606126024	Anodized silver	0.04	1.89 x 1.18	26 / 8	2x 0.12		H25	80
ALU/K 70x27 R2 SK, 2x3.0 mm	8606120003	Anodized black	0.04	2.28 x 1.06	32 / 7	2x 0.12		H06	50
ALU/K 74x18 R1 HF, 2x2.5 mm	8606126019	Anodized silver	0.04	2.52 x 0.71	35 / 5	2x 0.10		E45	70
ALU/K 74x26 R1 HF, 2x2.5 mm	8606126020	Anodized silver	0.04	2.52 x 1.02	35 / 7	2x 0.10		E46	50
ALU/K 74x74 R1 HF, 2x2.5 mm	8606126021	Anodized silver	0.04	2.52 x 2.91	35 / 21	2x 0.10		E47	10
ALU/K 75x10 R2 HF, 2x2.5 mm	8606126016	Anodized black	0.04	2.56 x 0.39	36 / 2	2x 0.10		E40	130

Aluminum anodized ALU/K (Continued...)

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/ lines	Hole pattern Number x Ø in	Dia- meter inch	Soft- ware type	Pack qty.
ALU/K 75x10 R2 HF, 2x2.5 mm	8606126017	Anodized silver	0.04	2.56 x 0.39	36 / 2	2x 0.10		E41	130
ALU/K 100x20 R2 HF, 2x3.0 mm	8606126027	Anodized black	0.04	3.5 x 0.79	49 / 5	2x 0.12		J83	60
Rectangular design with corner radius and 4 holes									
ALU/K° 100x60 R2 HF, 4x2.5 mm	8606146001	Anodized black	0.04	3.41 x 2.36	48 / 17	4x 0.10		I09	20
ALU/K° 100x60 R2 HF, 4x2.5 mm	8606146000	Anodized silver	0.04	3.41 x 2.36	48 / 17	4x 0.10		I08	20
ALU/K° 100x60 R2 HF, 4x2.5 mm	8606146010	Silver / Black	0.04	3.41 x 2.36	48 / 17	4x 0.10		I27	20
ALU/K° 120x70 R2 HF, 4x3.7 mm	8606146003	Anodized black	0.04	4.13 x 2.76	58 / 20	4x 0.15		I11	20
ALU/K° 120x70 R2 HF, 4x3.7 mm	8606146002	Anodized silver	0.04	4.13 x 2.76	58 / 20	4x 0.15		I10	20
ALU/K° 120x70 R2 HF, 4x3.7 mm	8606146009	Silver / Black	0.04	4.13 x 2.76	58 / 20	4x 0.15		I26	20
ALU/K° 130x80 R2, 4x2.6 mm	8606148001	Anodized black	0.04	4.8 x 3.15	67 / 23	4x 0.10		I38	10
ALU/K° 140x85 R2 HF, 4x3.7 mm	8606146005	Anodized black	0.04	4.92 x 3.35	69 / 25	4x 0.15		I13	10
ALU/K° 140x85 R2 HF, 4x3.7 mm	8606146004	Anodized silver	0.04	4.92 x 3.35	69 / 25	4x 0.15		I12	10
ALU/K° 140x85 R2 HF, 4x3.7 mm	8606146008	Silver / Black	0.04	4.92 x 3.35	69 / 25	4x 0.15		I25	10
Rectangular design with corner radius and 4 longitudinal slots									
ALU/K 40x12 R1 HF, 4x (5.0x2.0 mm)	8604146013	Anodized black	0.04			4x (0.20x0.08)		K37	390
ALU/K 60x12 R2 HF, 4x (4.0x2.0 mm)	8606146011	Anodized black	0.04	1.97 x 0.47	27 / 3	4x (0.08x0.16)		I34	220
ALU/K 60x12 R2 HF, 4x (4.0x2.0 mm)	8606146006	Anodized silver	0.04	1.97 x 0.47	27 / 3	4x (0.08x0.16)		I19	220
ALU/K 60x12 R2 HF, 4x (4.0x2.0 mm)	8606146012	Silver / Black	0.04	1.97 x 0.47	27 / 3	4x (0.08x0.16)		I35	220
ALU/K 60x12 R2 HF, 4x (5,0x3.0MM)	8606146013	Anodized silver	0.04	1.73 x 0.47	24 / 3	4x (0.20x0.12)		M74	220
Circular blanks (round version), 1 hole									
ALU/K° D=25 HF, 1x3,2MM	8606316001	Anodized black	0.04			1x 0.13	0.98	I18	250
ALU/K° D=25 HF, 1x3,2MM	8606316000	Anodized silver	0.04			1x 0.13	0.98	I17	250
ALU/K° D=25 HF, 1x3,2MM	8606316003	Silver / Black	0.04			1x 0.13	0.98	I29	250
ALU/K D=30 HF, 1x4,2MM	8606316006	Anodized black	0.04			1x 0.17	1.18	QL3	160
ALU/K D=30 HF, 1x4,2MM	8606316005	Anodized silver	0.04			1x 0.17	1.18	QL2	160
ALU/K° D=130 HF, 1x108MM	8606316004	Anodized silver	0.04			1x 4.25	5.12	D39	1

Monomatt MM/K



PRODUCT INFORMATION

The Monomatt labeling material, in mat size 139x139 mm, has been developed especially for the pulsar laser printer.

The 1 mm (0.04 in) thick, single layer, white polycarbonate is characterized by its excellent labeling property and has been

among the best materials available for label plates for many years.

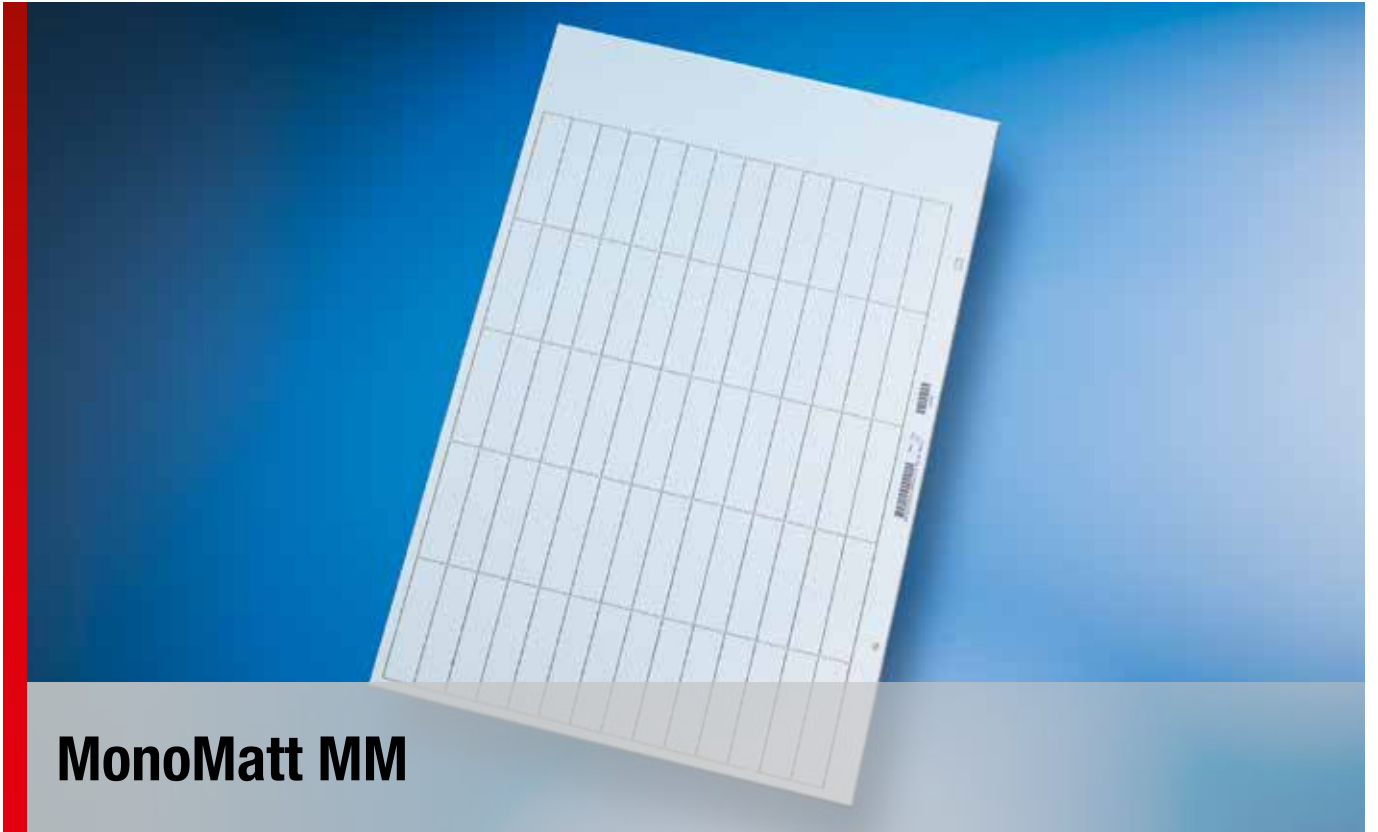
Monomatt MM/K is available with self-adhesive foil (SK) or with adhesive foil (HF).

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0
- Single-line and multi-line inscription

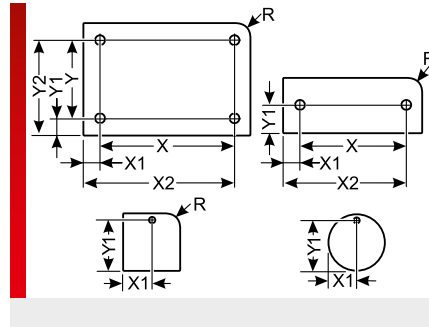
HF

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	by meter inch	Software type	Pack qty.
Rectangular design, self-adhesive (for smooth surfaces)									
MM/K 10.5x9.5 SK	8608200006	White	0.04	0.41 x 0.37	5 / 2			K89	156.00
MM/K 30x12 SK	8608200005	White	0.04	1.18 x 0.47	16 / 3			G29	44.00
MM/K 60x20 SK	8608200001	White	0.04	2.36 x 0.79	33 / 5			D27	12.00
MM/K 70x27 SK	8608200002	White	0.04	2.76 x 1.06	38 / 7			D26	5
MM/K 82x22 SK	8608200003	White	0.04	3.23 x 0.87	45 / 6			D25	6.00
MM/K 95x45 SK	8608200004	White	0.04	3.74 x 1.77	52 / 13			D24	3.00
Rectangular design with adhesive foil and 2 holes									
MM/K 30x12 HF, 2x3.1MM	8608226001	White	0.04	0.73 x 0.47	10 / 3	2x 0.12		G28	44.00
MM/K 34x12 HF, 2x3.5MM	8608226002	White	0.04	0.79 x 0.47	11 / 3	2x 0.14		I99	20.00
Rectangular design with adhesive foil and 4 holes									
MM/K 34x38 HF, 4x4,0MM	8608246001	White	0.04	1.34 x 0.87	18 / 6	4x 0.16		B01	6.00
Rectangular design with corner radius, self-adhesive (for smooth surfaces)									
MM/K 18x9 R2 SK	8608100001	White	0.04	0.71 x 0.35	10 / 2			D33	72.00
MM/K 28x9 R2 SK	8608100006	White	0.04	1.1 x 0.35	15 / 2			D28	48
Round, with adhesive foil, 1 drilled hole									
MM/K D=30 HF, 1x5,0MM	8608316001	White	0.04			1x 0.20	1.18	D49	16.00



MonoMatt MM

MonoMatt (MM)



PRODUCT INFORMATION

Single-layer polycarbonate with the excellent properties of our label plates. This is a white solid-colored material that also meets the specifications of the standard material for the terminal strip markers. The high-gloss surface is protected by a yellowish protective foil when shipped.

Monomatt (MM) is available with self-adhesive foil (SK) or with adhesive foil (HF).

Monomatt (MM) with the mat size 300x200 mm is designed for labelling with the Murrplastik p³b and pictor² inkjet systems, but can also be used with the plotter.

SPECIFICATIONS

- 40.00 – 266.00 °F
- Polycarbonate (PC)
- V0

HF

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/lines	Hole pattern Number x Ø in	by meter inch	Software type	Pack qty.
Rectangular design (single label)									
MM 300x200 HF	8607206003	White	0.04	11.81 x 7.87	166 / 58			ZM1	1
MM 300x200 SK	8607200004	White	0.04	11.81 x 7.87	166 / 58			ZM1	1
Rectangular design									
MM 6x15 SK	8607200015	White	0.04	0.24 x 0.59	3 / 4			I58	540
MM 8.5x30 SK	8607200012	White	0.04	0.33 x 1.18	4 / 8			H57	192
MM 14x45 SK	8607200016	White	0.04	0.55 x 1.77	7 / 13			I90	80
MM 24x84.5 SK	8607200018	White	0.04	0.94 x 3.33	13 / 24			I92	24
MM 25x5 SK	8607200009	White	0.04	0.98 x 0.20	13 / 1			D52	374
MM 25x8 SK	8607200008	White	0.04	0.98 x 0.31	13 / 2			D51	242
MM 27x15 HF	8607206004	White	0.04	1.06 x 0.59	15 / 4			D07	120
MM 27x18 SK	8607200021	White	0.04	1.06 x 0.71	15 / 5			L69	100
MM 27x18 SKS	8607202001	White	0.04	1.06 x 0.71	15 / 5			L48	100
MM 30x10 SK	8607200007	White	0.04	1.18 x 2.36	16 / 17			D50	153
MM 30x15 SK	8607200020	White	0.04	1.18 x 0.59	16 / 4			J68	108
MM 30x60 SK	8607200010	White	0.04	1.18 x 2.36	16 / 17			D60	2
MM 33x7.5 SK	8607200005	White	0.04	1.30 x 0.30	18 / 2			Z08	184
MM 40x7 HF	8607206005	White	0.04	1.57 x 0.28	22 / 2			D37	175
MM 40x80 SK	8607200011	White	0.04	1.57 x 3.15	22 / 23			D61	14
MM 50x12.5 SK	8607200014	White	0.04	1.97 x 0.49	27 / 3			H97	70
MM 95x45 SK	8607200017	White	0.04	3.74 x 1.77	52 / 13			I91	12
MM 95x145 SK	8607200006	White	0.04	3.74 x 5.71	52 / 42			D35	3
MM 118x92 SK	8607200019	White	0.04	4.65 x 3.62	65 / 27			J09	4
MM 120x120 HF	8607206006	White	0.04	4.72 x 4.72	66 / 35			M35	2

MonoMatt (MM) (Continued...)

Type	Order No.	Color	Material thickness inch	Printable area inch	No. characters/ lines	Hole pattern Number x Ø in	by meter inch	Software type	Pack qty.
Rectangular design with corner radius									
MM 9x15 R2 SKS	8607402001	White	0.04	0.35 x 0.59	5 / 4			I95	372
MM 22x8 R2 SK	8607100001	White	0.04	0.87 x 0.31	12 / 2			H81	216
MM 40x20 R2 SK	8607400002	White	0.04	1.57 x 0.79	22 / 5			Z11	63
MM 40x20 R2 SKS	8607102000	White	0.04	1.57 x 0.79	22 / 5			D91	56
MM 110x60 R2 SK	8607400001	White	0.04	4.33 x 2.36	61 / 17			J10	6
Rectangular design with 2 holes									
MM 95x75 HF, 2X3.2MM	8607226001	White	0.04	3.37 x 2.95	47 / 22	2x 0.13		J86	6
MM 95x75 SK, 2X3.2MM	8607240001	White	0.04	3.37 x 2.95	47 / 22	2x 0.13		L64	6
Rectangular design with corner radius and 2 holes									
MM 41x17 R2 HF, 2X3MM	8607426001	White	0.04	1.14 x 0.67	16 / 5	2x 0.12		J84	70
MM 52x26 R5 HF, 2X2.5MM	8607126000	White	0.04	1.26 x 1.02	17 / 7	2x 0.10		Z00	30
MM 110x75 HF, 2X3.2MM	8607226002	White	0.04	3.85 x 2.95	54 / 22	2x 0.13		K22	4
Rectangular design with corner radius and 4 holes									
MM 74x37 R5 HF, 4X2.5MM	8607146000	White	0.04	2.13 x 1.46	30 / 10	4x 0.10		Z01	12
MM 84x54 R5 HF, 4X2.5MM	8607146001	White	0.04	2.52 x 2.13	35 / 15	4x 0.10		Z02	9
MM 100x60 R5 HF, 4X3.7MM	8607146002	White	0.04	3.15 x 2.36	44 / 17	4x 0.15		Z03	6
MM 120x70 R5 HF, 4X3.7MM	8607146003	White	0.04	3.94 x 2.76	55 / 20	4x 0.15		Z04	4
MM 139x85 R5 HF, 4X3.7MM	8607146004	White	0.04	4.69 x 3.35	66 / 25	4x 0.15		Z05	4
MM 139x139 R5 HF, 4X3.7MM	8607146005	White	0.04	4.69 x 5.47	66 / 40	4x 0.15		Z06	2
Circular blanks (round version)									
MM D=22MM SK	8607300001	White	0.04				0.87	H22	96



Laser systems

Accessories and spare parts for mp-LM



mp-LM F



Separator plates set



Receiving container (catch tank)

PRODUCT INFORMATION

mp-LM F Extraction and filter unit

Robust suction unit for the mp-LM series to extract harmful dust, gases and vapours that accrue during the laser labelling process.

mp-LM separator plates set

Contains 5 separator plates, which are necessary for separating materials in mixed magazine population.

mp-LM receiving container (catch tank)

Receiving container for labelling mats, especially designed for the labelling process of the mp-LM.

Type	Order No.	Pack qty.
Collecting device for labeled materials		
mp-LM receiving container (catch tank)	86624116	1
Separator plates for magazine loading		
mp-LM separator plates set	86624117	5
Premium carrier plate with adhesive foil to hold any labeling material		
mp-LM Trägerplatte Premium	86624135	1
mp-LM Trägerplatte Premium Set + Box	86624136	1
SK carrier plates to hold labeling material		
mp-LM SK carrier plate	86624127	5
mp-LM carrier plate set SK + box	86624128	1
Spare glue dots for SK carrier plate		
mp-LM SK glue dots	86624191	48
Spare glue dots for HF ALU+V4A carrier plate		
mp-LM glue dots HF ALU+V4A	86624190	48
HF ALU-V4A carrier plate to hold labeling materials		
mp-LM Trägerplatte HF ALU-V4A	86624125	5
mp-LM Trägerplatte Set HF Alu-V4A + Box	86624126	1
Adapter plates for accepting single line of 3-line labeling materials		
mp-LM single tree adapter 3	86624131	1

pulsar A6



PRODUCT INFORMATION

More productivity through automation

Increase productivity with the automation of the laser device by using a modular expansion unit.

One beneficial side effect of this is that application errors can be minimized, ensuring consistent quality regardless of the operator. With the new automation unit, the proven pulsar technology can be turned into a completely autonomous unit. This unit can handle up to 100 mats (e.g. 5,700 KS labels) automatically, no human interaction required. Automation makes the pulsar 16 times more productive. Until now, the laser marking device required the presence and attention of the operator at all times. The pulsar now works completely independently. With a simple adaptation to the existing pulsar M6 units (generation 2 and newer) and the option to continue using the device manually after adapting the automation unit, manufacturers can offer a high degree of flexibility for the user.

The device includes a set of 2 base plates and magazines. This set is customized, because of the large range of materials available. Depending on the actual variances, an additional set may have to be added.

Advantages

- Can be adapted retrospectively
- Magazine of up to 100 mats

- More than 10,000 signs/hr independent working time.
- Fully automated inscription process
- All pulsar M6 features remain
- Low operating and maintenance costs
- Manual operation still serviceable
- Pick and Place
- Simple handling of the magazines

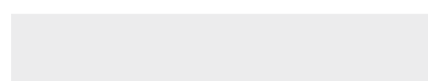
Labeling a variety of Murrplastik materials

Stainless steel, anodized aluminum, Polycarbonate signs, Monomatt, Polypropylene signs, laser foil

Technical data: pulsar A6

- Laser source: 6 watt solid state laser
- Wavelength: 1064 nm
- Modulation: Frequency 15 KHz - 200 KHz
- Cooling: Air
- Pneumatic: 4 bar, > 200 l/min (DIN ISO 8573-1: 2010)
- Input voltage: 230 V / 50-60 Hz
- Power: 1 kW (with pulsar M6)
- Dimensions: 24.80 x 41.34 x 36.22 in (630 x 1050 x 920 mm) (H x W x D)
- Weight: 110 kg (with pulsar M6)
- Interface: USB
- Safety: Laser class 1
- Printable area 5.51 x 5.51 in (140 x 140 mm)

SPECIFICATIONS



Type	Order No.	Pack qty.
pulsar A6 laser labeling system	86624013	1



Inkjet-systems



Plotter systems

mp-EM Opt.



PRODUCT INFORMATION

Designed to quickly and economically convert the plotters of the mp-PM family into a fully adequate engraving unit with suction.

The new engraving option offers a digital engraving depth counter, an adjustment aid (zero setting) as well as a holding bracket to store the plotter module resp. the engraving module in disuse. The new spindle generation also allows in cooperation with the depth controller an accurate setting of the engraving depth in 0.025 mm steps.

Scope of supply

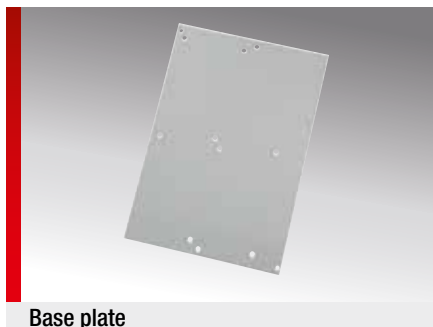
- Engraving head with engraving spindle and digital engraving depth counter
- Engraving burin 0.02 in (0.5 mm) / 15°
- Engraving spindle connection cable
- Controller
- Controller connection cable
- Vacuum cleaner with suction hose and suction bracket.
- Vacuum cleaner connection cable
- Holding bracket
- Calibration stud
- Power cord

SPECIFICATIONS



Type	Order No.	Pack qty.
Engraving option for mp-PM plotter systems		
mp-EM Opt.	86622075	1
Accessories		
Engraving option suction unit G3 / VC	86622060	1
Engraving option / MGS vacuum cleaner bag set	86691072	1
Spare parts		
mp-EM opt. lifting unit	86691088	1
Engraving option control unit G3 VEC	86691038	1
Engraving option cable set	86691036	1
Engraving option suction hose	86691044	1

mp-PM replacement parts



Base plate

PRODUCT INFORMATION

Base plates

Mounting adapters for the various labeling materials used on plotter systems. The mounting adapter is the connector piece between the plotter housing and the base plate.

Base plates

Base plates for mounting of labels like Monomatt, Duomatt, aluminum and stickers are listed in the accessories area.

Type	Order No.	Pack qty.
Mounting adapter for base plate		
mp-PM/MVPS basic base plate	86621031	1
mp-PM/MVPS G3 base plate	86622011	1
Ink pen holder		
mp-PM pin unit	86691081	1
Internal electronic component¹⁾		
mp-PM input board ¹⁾	86691084	1
mp-PM basic control board ¹⁾	86691083	1
mp-PM A3 control board ¹⁾	86691082	1

¹⁾ Requires opening the device and must not be done by anyone other than Murrplastik Service technician during the warranty period.

Special writing pens for plotter systems



Refillable pen



Disposable pen

PRODUCT INFORMATION

Disposable pen (full)

Available in different line thicknesses. Robust action. The pen is activated by assembling and locking the two parts together (pen tip and non-refillable ink cartridge).

Refillable pen (empty)

Available in different line thicknesses. The pen can be filled with replaceable cartridges (1 ml) or with ink from a bottle (30 ml).

Refillable pen for fabric labels (empty)

Special ink pen for textile labels (e.g. EDG type). The pen can be filled with replaceable cartridges (1 ml) or with ink from a bottle (30 ml).

Please note: All writing pens (excepting non-refillable ones) are delivered unfilled. Writing ink (bottles/cartridges) must be ordered separately.

SPECIFICATIONS



Type	Order No.	Pack qty.
MP2.0 Disposable pens (full)		
MP2.0 0.18 mm disposable ink pen	86621464	1
MP2.0 0.25 mm disposable ink pen	86621466	1
MP2.0 0.35 mm disposable ink pen	86621468	1
MP2.0 0.5 mm disposable ink pen	86621472	1
MP2.0 0.7 mm disposable ink pen	86621474	1
MP2.0 1.0 mm disposable ink pen	86621476	1
IPC Disposable pens (full)		
MP-IPC 0.18MM disposable ink pen	86621490	1
MP-IPC 0.25 mm disposable ink pen	86621492	1
MP-IPC 0.35 mm disposable ink pen	86621494	1
MP2.0 Refillable pen (empty)		
MP2.0 0.18 mm ink pen	86621480	1
MP2.0 0.25 mm ink pen	86621481	1
MP2.0 0.35 mm ink pen	86621482	1
MP2.0 0.5 mm ink pen	86621483	1
MP2.0 0.7 mm ink pen	86621484	1
MP2.0 1.0 mm ink pen	86621485	1
Refillable pen for MP2.0 fabric labels (empty)		
MP2.0 0.35 mm ink pen labels	86621471	1

Ink and cleaner with accessories



Ink



Cleaner



Cleaning appliances

PRODUCT INFORMATION

Ink
Etching ink for UV stable labeling with the reusable pen. The ink's outstanding feature is its high stability on various forms of media.

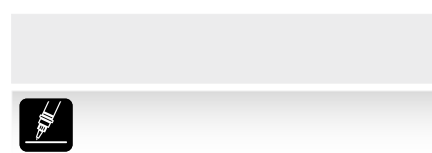
Cleaner
The MP2.0 cleaner has been developed for the cleaning and care of the ink pens.

Cleaning set:
Includes the MP2.0 cleaner, a collection beaker and a cleaning cloth.

Cleaning Unit
Includes a collection beaker and a cleaning cloth.

Pressure ball
The pressure ball activates ink flow in the reusable pen after a refill, or longer periods of inactivity.

SPECIFICATIONS



Type	Order No.	Pack qty.
MP2 ink for refillable pen		
MP2.0 (5 x 1 ml) ink cartridge	86621233	1
MP2.0 ink (30 ml)	86621235	1
Cleaning fluid for MP2.0 ink		
MP2.0 (2 x 10 ml) cleaner cartridge	86621244	1
MP2.0 30 ml cleaner	86621243	1
Cleaning kit and accessories		
MP2.0 cleaner set (MP2.0 cleaner and cleaning unit)	86621241	1
Pressure ball	86351050	1

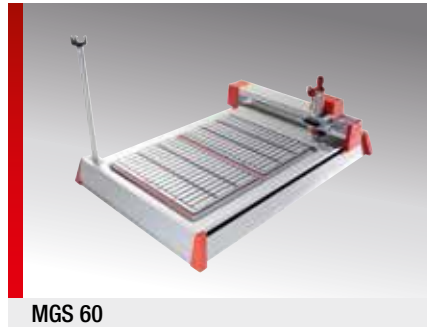


Engraving systems

MGS 50 / MGS 60



MGS 50



MGS 60

PRODUCT INFORMATION

Flexible and handy engraving device, for engraving plastic and aluminum materials (DM, DMG, ALU, ALM).

Engraving system based on a plotter design, with permanent engraving head (lifting unit). Available in A4 (MGS 50) and A3 (MGS 60).

The MGS 50 or 60 features a digital display of the engraving depth. Thus, when setting the engraving depth, the individual steps in

rotating the depth control no longer need to be counted. Settings are in 0.025 mm increments.

Base plates

Suitable GPU A4 or GPU A3 base plates are listed with the "Accessories"; they are not part of the engraving system's scope of delivery.

SPECIFICATIONS



Type	Order No.	Pack qty.
MGS 50 A4 engraving system	86622026	1
MGS 60 A3 engraving system	86622028	1
Accessories		
Engraving option suction unit G3 / VC	86622060	1
Engraving option / MGS vacuum cleaner bag set	86691072	1
MGS (40-TO/50/60) vacuum plate ¹⁾	86622064	1
MGS (40-TO/50/60) vacuum plate ¹⁾	86622066	1
MGS (40-TO/50/60) suction adapter set	86622062	1
mp-PM Basic / MGS 50 Alu-Case	86622078	
Spare parts		
MGS 50 / MGS 60 depth adjuster	86691037	1
MGS 50 / MGS 60 engraving spindle	86691035	1

¹⁾ to be used only with vacuum plate

CAM vacuum table



Vacuum table

PRODUCT INFORMATION

Clamping as if by magic. We can supply a vacuum grid table matching the engraving machine model for the specific purpose of clamping our Duomatt, Alumatt and aluminum mats or for level work pieces. If there is no compressed air supply at the site of installation it will be necessary to order an electric vacuum pump instead of the standard chip vacuum pump.

CAM 100 vacuum table

Technical data:

- Size approx. 13.98 x 11.42 in (355 x 290 mm)
- Raster gap 0.12 in (3 mm)

Scope of delivery:

- Vacuum raster plate of aluminum
- Chip vacuum pump incl. accessories
- Sealing cord

CAM 200 vacuum table

Technical data:

- Size approx. 21.26 x 19.09 in (540 x 485 mm)
- Raster gap 0.12 in (3 mm)

Scope of delivery:

- Vacuum raster plate of aluminum
- Chip vacuum pump incl. accessories
- Sealing cord

Optional with a new order in conjunction with CAM 100

Electric vacuum pump instead of chip vacuum pump (surcharge)

Spare parts

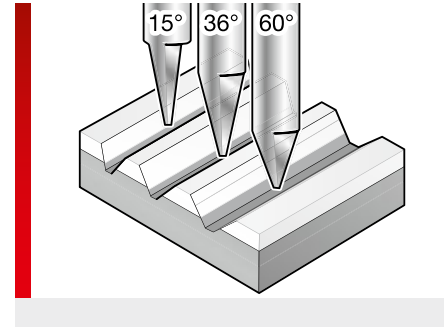
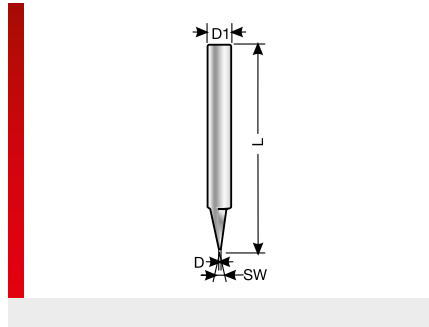
Sealing cord
Electric vacuum pump
Vacuum grid plate
Perforated vacuum plate

SPECIFICATIONS



Type	Order No.	Pack qty.
Vacuum table		
CAM 100 ALU vacuum grid plate	86701614	1
CAM 100 ALU perforated vacuum plate	86701616	1
CAM 100 vacuum table pitch pattern	86701610	1
CAM 200 vacuum table pitch pattern	86701612	1
Optional, in case of CAM reorder		
CAM series elect. vacuum pump	86701618	1
Electric vacuum pump instead of chip vacuum pump (surcharge)	86901614	1
Accessories		
Replacement sealing cord	86721018	9.84

Graver



PRODUCT INFORMATION

Gravers are conical tools (halved solid metal round bar, ground smooth) with a cutting edge. In principle, the smaller the angle at the point, the more constant is the engraving width, even if the material to be engraved is not flat. We would recommend our special 15° gravers when working with spindles without height scanning. The overall diameter gives the minimum engraving width. The deeper it presses into the material, the wider the engraving width. Ratio of plunge depth:

engraving width is predominantly determined by the angle at the point.

- Universal graver for engraving work
- For use with a wide range of materials (plastic, aluminum,...)

Engraving systems

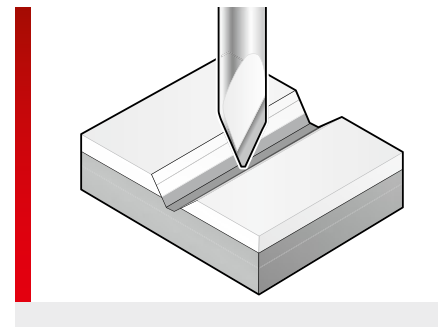
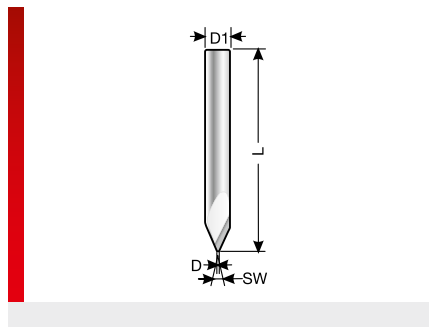
The graver can be used in conjunction with the MGS series CAM engraving system and the engraving option.

SPECIFICATIONS



Type	Order No.	Color stop ring	D Ø in	D1 Ø in	L inch	Section Angle °	Pack qty.
Nose angle 15 degree							
Graver 15° d = 0,2 mm	86721424	White	0.01	0.12	1.57	15	1
Graver 15° d = 0,3 mm	86721426	White	0.01	0.12	1.57	15	1
Graver 15° d = 0,4 mm	86721428	White	0.02	0.12	1.57	15	1
Graver 15° d = 0,5 mm	86721430	White	0.02	0.12	1.57	15	1
Graver 15° d = 0,7 mm	86721432	White	0.03	0.12	1.57	15	1
Nose angle 36 degree							
Graver 36° d = 0,2 mm	86721435	Yellow	0.01	0.12	1.57	36	1
Graver 36° d = 0,3 mm	86721436	Yellow	0.01	0.12	1.57	36	1
Graver 36° d = 0,4 mm	86721437	Yellow	0.02	0.12	1.57	36	1
Graver 36° d = 0,5 mm	86721438	Yellow	0.02	0.12	1.57	36	1
Graver 36° d = 0,7 mm	86721439	Yellow	0.03	0.12	1.57	36	1
Graver 36° d = 1,0 mm	86721440	Yellow	0.04	0.12	1.57	36	1
Nose angle 60 degree							
Graver 60° d = 0,2 mm	86721444	Orange	0.01	0.12	1.57	60	1
Graver 60° d = 0,3 mm	86721446	Orange	0.01	0.12	1.57	60	1
Graver 60° d = 0,4 mm	86721448	Orange	0.02	0.12	1.57	60	1
Graver 60° d = 0,5 mm	86721450	Orange	0.02	0.12	1.57	60	1
Graver 60° d = 0,7 mm	86721452	Orange	0.03	0.12	1.57	60	1
Graver 60° d = 1,0 mm	86721454	Orange	0.04	0.12	1.57	60	1

Milling cutter



PRODUCT INFORMATION

Milling cutters are conical tools with a cutting edge. The recently incorporated chip groove (spiral shaped) is able to remove chips very well. This will clear the engraving and leave it without burrs and clean. This tool has proved itself to be a veritable all-rounder!

- Specialty cutter for acrylic glass engravings
- For a variety of materials (plastics, aluminum, non-ferrous metals...)

Engraving systems

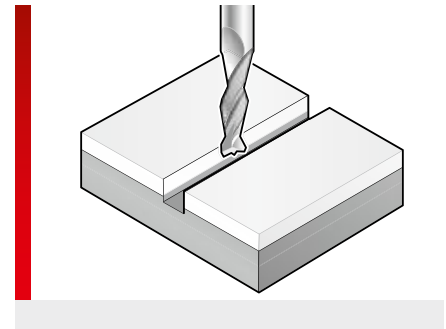
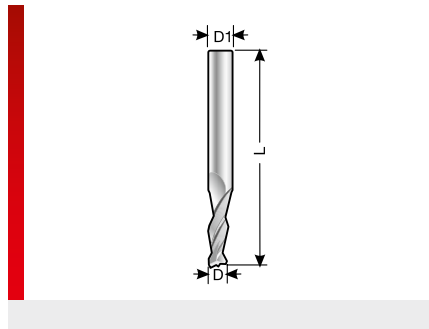
The milling cutter can be used in conjunction with the MGS series CAM engraving system and the engraving option.

SPECIFICATIONS



Type	Order No.	Color stop ring	D Ø in	D1 Ø in	L inch	Section Angle °	Pack qty.
Milling cutter 30° d = 0.5mm	86721474	Yellow	0.02	0.12	1.57	30	1
Milling cutter 60° d = 0.2 mm	86721470	Orange	0.01	0.12	1.57	60	1
Milling cutter 60° d = 0.5 mm	86721472	Orange	0.02	0.12	1.57	60	1

Single tool cutter and double-fluted cutter



PRODUCT INFORMATION

Single tooth milling machine

The single tool cutter is a specialty tool for flush trimming of the vacuum table.

Double-fluted cutter

Double-fluted cutter, right-cutting with a fishtail cut, so that it can be pressed easily even into hard materials.

- Affordably priced universal double-fluted cutter

- For milling non-ferrous metals and plastics

Engraving systems

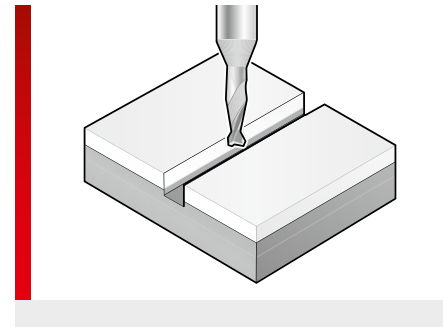
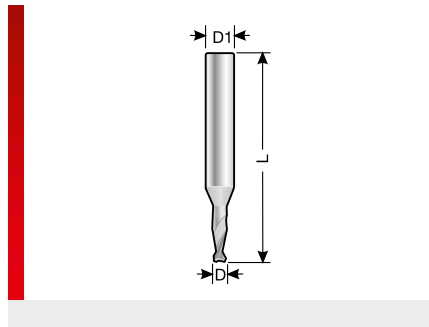
The double-fluted cutter can be used in conjunction with the MGS series CAM engraving system and the engraving option.

SPECIFICATIONS



Type	Order No.	Color stop ring	D Ø in	D1 Ø in	L inch	Section Angle °	Pack qty.
Single tooth milling machine							
CAM single tool cutter d = 3.0 mm	86721482	Black	0.12	0.12	1.57	180	1
Double-fluted cutter							
Double-fluted cutter 2.0 mm	86721420	Green	0.08	0.12	1.57	180	1
Double-fluted cutter 2.4 mm	86721421	Green	0.09	0.12	1.57	180	1
Double-fluted cutter 3.0 mm	86721422	Green	0.12	0.12	1.57	180	1

Rub-out cutter



PRODUCT INFORMATION

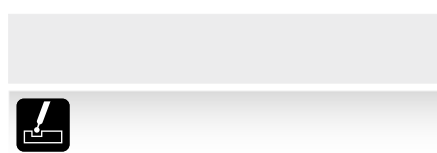
The rub-out cutter has a lower breaking risk than the double-fluted cutter with fishtail cut, because of the shorter cutting edge; it is therefore better suited for diameters up to 1 mm.

- Engraving and milling of non-ferrous metals
- Suitable for hard plastics

Engraving systems

The rub-out cutter can be used in conjunction with the CAM engraving system.

SPECIFICATIONS

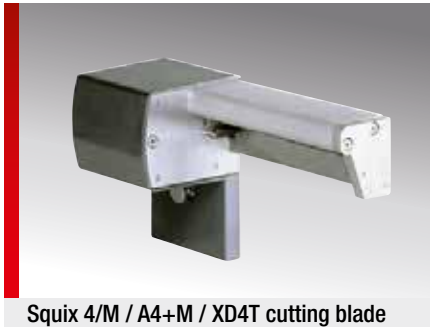


Type	Order No.	Color stop ring	D Ø in	D1 Ø in	L inch	Section Angle °	Pack qty.
For CAM engraving system							
Rub-out cutter d = 0.5 mm	86721414	Blue	0.02	0.12	1.18	180	1
Rub-out cutter d = 1.0 mm	86721416	Blue	0.04	0.12	1.18	180	1

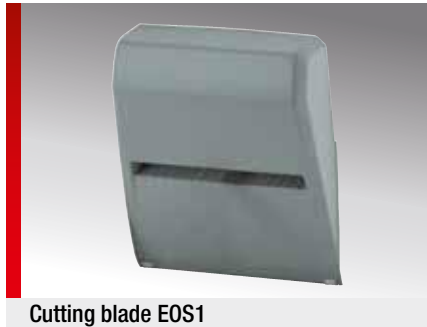


Thermal transfer systems

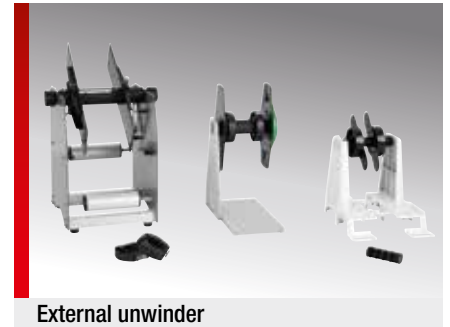
Accessories for MP-TM Systems



Squix 4/M / A4+M / XD4T cutting blade



Cutting blade EOS1



External unwinder

PRODUCT INFORMATION

Cutters

The cutting blade separates all printable materials. Depending on the type of printer used, paper labels, self-adhesive labels, cardboard or fabric labels and plastic materials, as well as heat-shrink tubing can be cut.

Perforation blade

The perforating blade allows for optional perforation of the materials, in addition to the cutting, so that it may be separated by hand at a later time.

External unwinder

The external unwinder is needed for rolls of material that are too large to fit into the printer. It automatically centers the rolls of materials when placed into the equipment and makes the feeding in of heavy rolls possible. Externally wound, as well as

internally wound rolls can be processed. The external unwinder has been designed to hold 3 in. core-label rolls. There is one version for the mp-TM EOS1 and one version for the mp-TM A4+M and mp-TM XD4T Twin.

External unwinder for 1" core

The external unwinder for 1" cores is suitable for holding 1 inch label rolls, such as pavonis label rolls and can also be used for the mp-TM EOS1, den mp-TM A4+M and den mp-TM XD4T Twin.

Internal roll holder for 1" core

The internal roll holder for 1" core is required for printing TEP and TEG series labels.

Margin stop

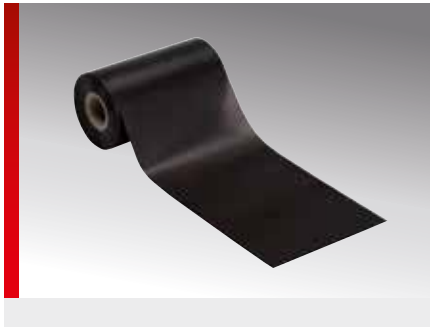
The margin stop centers the label rolls and is available for reorder as a spare part.

SPECIFICATIONS



Type	Order No.	Pack qty.
Accessories for mp-TM EOS1		
mp-TM EOS1 cutting blade	86661820	1
mp-TM EOS1 perforation blade	86661821	1
mp-TM EOS1 external unwinder	86661825	1
Accessories for mp-TM Squix 4/M		
mp-TM SQUIX 4/M cutting blade	86661841	1
mp-TM SQUIX 4/M perforation blade	86661842	1
Accessories for mp-TM A4+M and mp-TM XD4T Twin		
mp-TM cutting blade	86661810	1
mp-TM perforation blade	86661811	1
mp-TM external unwinder	86661815	1
Accessories for mp-TM A4+M		
mp-TM internal roll holder for 1" core	86661832	1

FHW - resin/wax color printer ribbon



PRODUCT INFORMATION

Printing with the FHW resin/wax color ribbons is done at normal heat. In general, printing with FHW resin-wax ribbons offers a broad field of applications for almost all materials requiring medium to low durability.

The FHW color ribbons, based on a mix of resin and wax are ideal for printing onto matte synthetic films and laminated or

coated papers, matte polyesters, polypropylene, Polyolefins (heat-shrink conduits), polyethylene, vinyl (PVC) and Polyamide.

Furthermore, smooth and shiny synthetic film surfaces can be printed just like with the FH color ribbons. But we recommend FH+ or FH++ color ribbons in this case for higher durability.

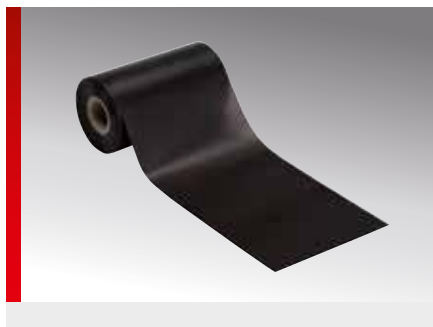
SPECIFICATIONS



Type	Order No.	Color	Roll width inch	Roll length ft.	Pack qty.
FHW - color ribbons for thermal transfer printers¹⁾					
FHW 40x300 ¹⁾	86662100	Black	1.57	984.25	300
FHW 50x300 ¹⁾	86662101	Black	1.97	984.25	300
FHW 60x300 ¹⁾	86662102	Black	2.36	984.25	300
FHW 70x300 ¹⁾	86662103	Black	2.76	984.25	300
FHW 80x300 ¹⁾	86662104	Black	3.15	984.25	300
FHW 90x300 ¹⁾	86662105	Black	3.54	984.25	300
FHW 100x300 ¹⁾	86662106	Black	3.94	984.25	300
FHW 110x300 ¹⁾	86662107	Black	4.33	984.25	300
FHW 110x300 ¹⁾	86662108	Red	4.33	984.25	300
FHW 110x300 ¹⁾	86662109	Green	4.33	984.25	300
FHW 110x300 ¹⁾	86662110	Reflecting blue	4.33	984.25	300
FHW 110x300 ¹⁾	86662111	White	4.33	984.25	300
FHW 110x300 ¹⁾	86662112	Almond brown	4.33	984.25	300
FHW 110x300 ¹⁾	86662113	Violet	4.33	984.25	300
FHW 110x300 ¹⁾	86662114	Matt gold	4.33	984.25	300
FHW 110x300 ¹⁾	86662115	Matt silver	4.33	984.25	300
FHW 110x300 ¹⁾	86662116	Metallic gold	4.33	984.25	300
FHW 110x300 ¹⁾	86662117	Metallic silver	4.33	984.25	300

¹⁾Information about packaging unit = roll length (m)

FH - resin color printer ribbon



PRODUCT INFORMATION

The FH resin-based ribbons are ideal for printing on glossy synthetic films. Printing takes place at high temperatures for optimum durability.

FH series

The most common field of application for FH resin-based ribbons is that of synthetic labels with a need for high durability.

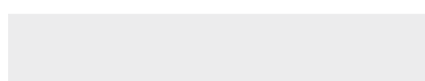
FH+ series

While the FH series already offers good smudge-proof qualities at optimum printing temperature, the FH+ series is smudge- and scratch-proof, and is also resistant to many cleaning agents and oils.

FH++ series

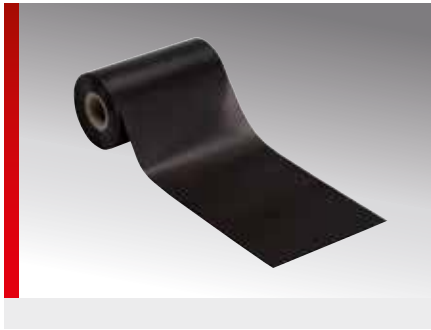
Optimum durability is offered by the FH++ series, which is resistant to exposure of most industrial cleaners and oil vapors.

SPECIFICATIONS



Type	Order No.	Color	Roll width inch	Roll length ft.	Pack qty.
FH color ribbons for thermal transfer printers¹⁾					
FH 40x300 ¹⁾	86662200	Black	1.57	984.25	300
FH 50x300 ¹⁾	86662202	Black	1.97	984.25	300
FH 60x300 ¹⁾	86662205	Black	2.36	984.25	300
FH 70x300 ¹⁾	86662208	Black	2.76	984.25	300
FH 80x300 ¹⁾	86662210	Black	3.15	984.25	300
FH 90x300 ¹⁾	86662212	Black	3.54	984.25	300
FH 110x300 ¹⁾	86662214	Black	4.33	984.25	300
FH+ color ribbons for thermal transfer printers¹⁾					
FH+ 40x300 ¹⁾	86662201	Black	1.57	984.25	300
FH+ 50x300 ¹⁾	86662203	Black	1.97	984.25	300
FH+ 55x300 ¹⁾	86662204	Black	2.17	984.25	300
FH+ 60x300 ¹⁾	86662206	Black	2.36	984.25	300
FH+ 70x300 ¹⁾	86662209	Black	2.76	984.25	300
FH+ 80x300 ¹⁾	86662211	Black	3.15	984.25	300
FH+ 90x300 ¹⁾	86662213	Black	3.54	984.25	300
FH+ 110x300 ¹⁾	86662215	Black	4.33	984.25	300
FH+ 110x300 ¹⁾	86662217	Signal red	4.33	984.25	300
FH+ 110x300 ¹⁾	86662218	Signal green	4.33	984.25	300
FH+ 110x300 ¹⁾	86662219	Signal blue	4.33	984.25	300
FH+ 110x300 ¹⁾	86662220	Signal white	4.33	984.25	300
FH+ 110x300 ¹⁾	86662221	Signal gray	4.33	984.25	300
FH+ 110x300 ¹⁾	86662222	Signal orange	4.33	984.25	300
FH+ 110x300 ¹⁾	86662223	Signal yellow	4.33	984.25	300

FH - resin color printer ribbon (Continued...)



Type	Order No.	Color	Roll width inch	Roll length ft.	Pack qty.
FH+ 110x300 ¹⁾	86662224	Metallic gold	4.33	984.25	300
FH+ 110x300 ¹⁾	86662225	Metallic silver	4.33	984.25	300
FH++ color ribbons for thermal transfer printers¹⁾					
FH++ 60x300 ¹⁾	86662207	Black	2.36	984.25	300
FH++ 110x300 ¹⁾	86662216	Black	4.33	984.25	300

¹⁾Information about packaging unit = roll length (m)





Base plates for labeling systems



PRODUCT INFORMATION

Adapter to accommodate the various label materials on Murrplastik labeling systems.

Type	Order No.	Pack qty.
Base plates for labels		
GP1	86351210	1
GP3	86351212	1
GP3C	86661050	1
GP3K	86661034	1
GP3M	86661031	1
GP3Q	86661035	1
GP4	86351214	1
GP4E	86351216	1
GP4L	86351217	1
GP5	86351218	1
GP KDE	86661037	1
GRPD/10	86351016	1
GRPD/18	86351018	1
Base plates for DuoMatt, Monomatt, Alu, Alumatt and labels		
GPU A3	86621026	1
GPU A4	86621023	1
Replacement mat for base plates GPU A3 and GPU A4		
GPU A3 420x300 adhesive mat	86721022	1
GPU A4 305x205 adhesive mat	86721020	1

Die pulsar GPU 140x140 base plate with adhesive properties for mounting the ESK, EST, ALU/K, MM/K and ELF is listed in labeling materials in the labeling system of pulsar M6 / pulsar A6 accessories.

The label plate and exchange plate for the pictor² are listed in the labeling systems section under pictor² / pictor² Black accessories.





Selection table combination options labels/base plates

TYPE OF LABEL PLATE	BASE PLATES														SHEET / LABEL MATERIALS		
	GP1 86351210	GP3 86351212	GP3C 86661050	GP3K 86661034	GP3Q 86661035	GP4 86351214	GP4E 86351216	GP4L 86351217	GP5 86351218	GP KDE 86661037	GRPD/10 86351016	GRPD/18 86351018	GPU A3 86621026	GPU A4 86621023	pulsar GPU 140x140 86621029	no base plate required	
ABB																	
ALM																	
ALU																	
ALU/K																	
B&R																	
BEC																	
BS																	
BS 5L																	
BS 6L																	
DM																	
EDG																	
ELF																	
ELF/T																	
ELG																	
ELPT																	
ELW																	
ES																	
ESK																	
ESL																	
EST																	
KAB																	
KAB 17/10																	
KAB 5/5.4-5																	
KBT																	
KDE																	
KDL/E																	
KES																	
KET																	
KLG																	
KMO																	
KMR (> *5*)																	
KMR 5/5-5.1																	
KNC																	
KNQ																	
KPF																	
KPX */10*																	
KPX */15*																	
KPX */5*																	
KPX */7.5*																	
KPX U/5 ZS																	
KS 15/*																	
KS 4/*																	
KS 4/* 4ST																	
KS 5/10																	
KS 75/50																	
KS 95/75																	
KSA																	
KSB																	
KSD																	
KSE */10																	
KSE */18																	
KSF 10/8																	
KSI																	

Continued on the next page

TYPE OF LABEL PLATE	BASE PLATES														SHEET / LABEL MATERIALS			
	GP1 86351210	GP3 86351212	GP3C 86661050	GP3K 86661034	GP3Q 86661035	GP4 86351214	GP4E 86351216	GP4L 86351217	GP5 86351218	GP KDE 86661037	GRPD/10 86351016	GRPD/18 86351018	GPU A3 86621026	GPU A4 86621023	pulsar GPU 140x140 86621029	no base plate required		
KSL																		
KSN																		
KSO / KSK																		
KSO / KSK 70x9																		
KSS																		
KST																		
KSZ																		
KTE																		
KWI																		
MM																		
MM/K																		
SKS																		
TBT																		
TK																		
TS																		
TTE/L																		
WGO																		
WGO 5/5-5																		

Selection table Combination options Devices/Base plates

DEVICES	BASE PLATES														SHEET / LABEL MATERIALS			
	GP1 86351210	GP3 86351212	GP3C 86661050	GP3K 86661034	GP3Q 86661035	GP4 86351214	GP4E 86351216	GP4L 86351217	GP5 86351218	GP KDE 86661037	GRPD/10 86351016	GRPD/18 86351018	GPU A3 86621026	GPU A4 86621023	pulsar GPU 140x140 86621029	pictor ² label plate 86625147		
Plotter and engraving option																		
mp-PM Basic																		
mp-EM opt. Basic																		
mp-PM A3																		
mp-EM opt. A3																		
Engraving																		
MGS 50																		
MGS 60																		
Inkjet printer																		
pictor ²																		
p ^{3b}																		
Laser devices																		
pulsar M6																		
mp-LM 1,3,10																		



Material descriptions

PMMA Polymethyl methacrylate Co-Polymer

DuoMatt is UV-stable material that has been tested under extreme conditions for resistance to deterioration. It retains its physical properties and its brilliant surface over many years (approx. 10 to 20 years). DuoMatt is halogen-free and silicone-free.

Processing temperature:	26.6 °F to 179.6 °F
Flammability:	Fire classification HB according to UL-94
Water absorption:	0.36 %
Crack resistance:	35 %
Impact strength:	58.5 J/m ²

ABS Acrylonitrile butadiene styrene

The thin surface on DuoMatt Siemens silver SSI and SI brushed facilitates a finer typeface than DuoMatt. But the silvercoloured foil is less hard wearing than standard DuoMatt material.

Processing temperature:	-4 °F to 185 °F
Flammability:	Fire classification HB according to UL-94
Water absorption:	0.36 %
Crack resistance:	30 %
Impact strength:	no break

PC Polycarbonate

Excellent surface gloss and transparency (natural), high mechanical strength and dimensional stability under heat, outstanding electrical and dielectric properties, superb dimensional accuracy and low water absorption. Impact resistance up to approx. 284 °F and, as a general rule, PC is self-extinguishing even without the addition of fire-retardants.

Temperature stability:	to 284 °F
Resistance to deformation:	at 1.8 N/mm 275 °F
Flammability:	V0 according to UL94
Halogen-free	according to DIN/VDE 0472, part 815
UV-stabilised	

PP Polypropylene

Polypropylene demonstrates good mechanical properties. No tendencies toward stress crack corrosion. Surface hardness, tensile strength, temperature stability and long-term stress resilience values are greater than those of Polyethylenes. The material contains no halogens and laser inscription is possible.

Water absorption:	ISO 62	0.04 %
Moisture absorption:	ISO 62	0.01 %
Heat distortion	ISO 75	194 °F
Flammability:	Fire classification HB according to UL94	
Surface resistance:	ASTM D257 Ohm/sq 10(to the 14th power)	

PA Polyamide

Broad range of properties covered by different types (PA 6 and PA6.6 are frequently used). Generally good electrical and mechanical properties with distinctive resistance to impact and abrasion being particularly strong. When dry, PA is sensitive to impact. Water absorption renders PA flexible.

Temperature stability:	up to 284 °F
Fire classification:	V2 according to UL94

PVC Polyvinyl chloride

Soft PVC is made from polyvinyl chloride, softeners and process materials, e.g. stabilisers and lubricants. PVC is resistant to corrosive saline solutions and most acids.

Temperature stability:	up to 140 °F
Fire classification:	V0 according to UL94

TPU Thermoplastic Polyurethane

Outstanding features of this material include its outstanding flexibility, even at very low temperatures, high continuous operating temperature and excellent resistance to tear propagation, as well as very good restoring forces, high resistance to grease, oil, solvents, high-energy radiation and ultraviolet light.

Continuous operation use:	-31 °F to 248 °F
Fire classification:	V0 according to UL94
Halogen-free	according to DIN/VDE 0472, part 815

Material descriptions

Label laser foil (ELF)

PAK Polyacrylate

Available in the colours silver/black and black/white. The foil demonstrates a reliable, permanent adhesive strength for applications on Polyolefine (PE/PP), slightly oily base surfaces and powder coatings. The Polyacrylate foil is halogen-free and very resistant to chemicals, extreme temperatures and other environmental influences.

Temperature-resistant: -40 °F to +572 °F
 Self-extinguishing after 15 seconds in case of fire
 Non-drip. Covers highly contrasting base/primer colours.

Heat-shrink tubes

Type ST-BT

- Halogen-free Polyolefin
- Application: Aviation, railway and marine industries, tunnel construction
- Shrink rate 2:1
- EN 45545-2:2013 R22/R23

Usage temperature: -67 °F to +221 °F
 Tensile strength: 10N/mm²
 Crack resistance: 200 %
 Flammability rating: HB per ASTM D 635

Type ST-ECO

- Application: general labelling
- Shrink rate 3:1
- Flame resistant
- Excellent printing results

Usage temperature: -67 °F to +275 °F
 Water absorption: 0.20 %
 Break resistance: kl. 11N/mm²
 Spec. Volume resistance: 10¹⁶ Ohm/cm
 Flammability rating: UL 224, 177 °F

Self-adhesive sheet labels

Self-adhesive films are tested and approved in conjunction with specific substrates under the UL classification "Polymer Adhesive Systems". For this reason, all self-adhesive films should be tested on the respective substrates instead of merely testing the self-adhesive film alone.

Sheet labels of types	Material	Thermal stability	Fire classification	Adhesive strength
ELG / ELW / ELO / ES / ESL	Polyester film	-40 °Fv to 302 °F permanent min. processing temperature 41 °F	V0 according to UL94	17 N/10 mm
EDG	Reinforced textile	0 °C to 176 °F		9 N/25 mm

Adhesive 467

- Acrylat A-30
- Fire classifications: MIL-P-19834 B, Amend 1Typ1
UL approved (MH-11410)
complies with AGA and CSA requirements
- Adhesive thickness: 0.05 mm

Adhesive strength: 11 N/10 mm
 Thermal stability: -40 °F to 302 °F permanent
 392 °F transient
 Processing temperature: 64,4 °F minimum



Material descriptions

Adhesive 468

- Acrylat A-30
- Fire classifications: MIL-P-19834 B, Amend 1 Typ1
UL approved (MH-11410)
complies with AGA and CSA requirements
- Suitable for rough and textured surfaces
- RoHS-specified
- Adhesive thickness 0.01 in (0.13 mm)

Adhesive strength:	11 N/10 mm
Thermal stability:	-40 °F to 302 °F permanent 392 °F short term
Processing temperature:	64.4 °F minimum

Adhesive 1780

- Polyethylene foam

Adhesive strength:	10 N/15 mm
Thermal stability:	-40 °F to 302 °F permanent
Processing temperature:	50 °F to 176 °F

Adhesive 1917

- Natural rubber with acrylic-coated fabric
- Weather and water proof
- High adhesive strength

Adhesive power on steel:	3.8 N/cm
Ultimate elongation:	7%
Tear strength:	100 N/cm
Thermal stability:	356 °F (30 min)

Adhesive 4830

- Polyester film with liner
- UL listed
- Interior / exterior application

Thermal stability:	-40 °F to 302 °F
Processing temperature:	50 °F minimum
Shelf life	2 years at 69.8 °F and 50% humidity

Adhesive 4883

- Stable, durable acrylate
- Universal adhesive with high tack and extreme adhesive power

Adhesive power on glass:	15 N/25mm
Thermal stability:	-40 °F to 302 °F permanent
Processing temperature:	41 °F minimum
Solubility:	soluble

Adhesive 4930

- Polyacrylate mixed with adhesive resin

Thermal stability:	199.4 °F maximum 300.2 °F short term
Processing temperature:	50 °F minimum
Solubility:	insoluble

Adhesive 4965

- Polyacrylate mixed with adhesive resin

Thermal stability:	199.4 °F maximum 300.2 °F short term
Processing temperature:	50 °F minimum
Solubility:	insoluble

Adhesive 5917

- Natural rubber, heat tempered
- High adhesive power on most substrates
- Quick and easy removal

Adhesive power on steel:	9.5 N/25mm
Storage:	not above 77 °F and 55 % rel. humidity

Adhesive 9088

- Modified acrylate
- High-performance, double-sided adhesive tape
- High holding force on high- and low-energy surfaces (e.g. PE, PP)
- Suitable for rough and textured surfaces
- Developed for strong adhesion

Adhesive strength:	150 (N/100 mm)
Thermal stability:	24.8 °F to +199.4 °F permanent 302 °F short term
Processing temperature:	64.4 °F minimum
Resistance to solvents:	good

Material properties

Murrplastik Systemtechnik uses high-quality polycarbonate for your label plates, meeting the requirements laid down by UL94 for the top fire classification V0. This offers clear advantages over the polyamides as used by our competitors.

Polycarbonate (PC) is used for any applications requiring a high-quality surface finish with respect to scratch resistance and gloss level. For instance, PC is often used in the automotive sector for headlight lenses and as PC/ABS blends for the interior. By contrast, polyamide (PA) is rarely found in interior fittings, even as a blend. Polyamides are, however, prevalent under the hood, for example, where less significance is attached to the appearance.




For use as a label plate, polyamide has another unfavourable property: ambient water absorption of approx. two percent by weight. This will cause dimensional variations (smaller dimensions at low temperatures and low air humidity, larger dimensions at high temperatures and high air humidity). The absorption of water does not tend to affect the dimensions of the label plates too severely, but it does make an undue impact on the properties of the material. Indeed, if water absorption is low, the material is very brittle and tends to break (e.g. when latching

onto a terminal block). Conversely, if water absorption is high, then it is very soft and it may be difficult to separate plates from each other (tear response).

Polycarbonate provides a clear advantage compared to Polyamide, especially with regard to printability. Since PC is more prone to chemical reaction, it lends itself well to labelling with ink and pigments and also to laser inscription. Whereas PA scarcely reacts to the energy application of laser light, the colour change achieved with PC is outstanding.

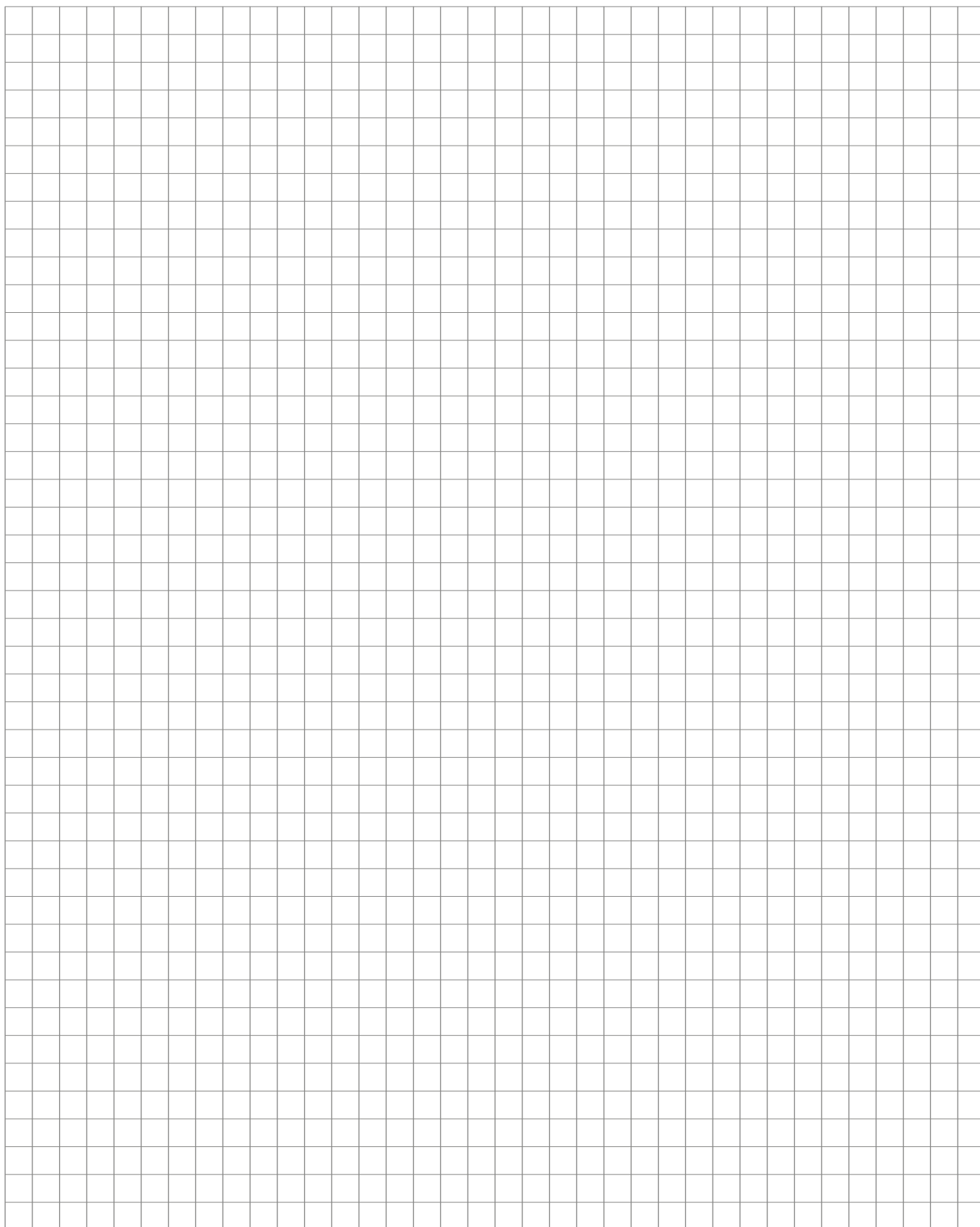
The chemical reactivity of polycarbonate during the inscription process makes inks and pigments very abrasion-resistant. If the resistance to abrasion and water is good in both materials, then the inscription on polyamide wears off significantly, if it comes into contact with oil, petrol or spirit. Polycarbonate, however, is resistant to these substances as well.

Tested material properties and associated test procedures

Characteristic	Test procedure
 Flammability	Flammability according to UL94
 Halogen-free rating	The material for the ACS label plates may be described as halogen-free according to DIN/VDE 0472, Section 814. This means a total bromine and chlorine content < 0.2 % and fluorine < 0.1 %.
 UV-resistance	Test in UV light chamber in accordance with Murrplastik in-house standard. Assessment of labelling for clear legibility based on DIN EN ISO-4892-2.
Ageing	Regular testing in climate simulation chamber as per Murrplastik in-house standard
Functional testing	Trial mounting of sleeves at different temperatures. Assessment of fit at maximum and minimum diameters. Handling test on carrier/plate. Test of fit of plate in sleeve.
Hardness testing	Test based on Shore A - ISO 868
Vibration, shock and impact properties	Vibration, shock and impact test conforming to DIN EN 50155 Point 10.2.11 Simulated durability test using increased wide band random vibration as specified by DIN EN 16373 (VDE 0155 Part 103): 1999-11 Point 9.1 Category 1B.
Smear resistance	Tests measuring resistance to wiping off when exposed to machine oil, water, ethyl alcohol and hand perspiration.
Scratch/abrasion resistance	Test determining changes to legibility with different types of inscription (ink / printing / laser) pursuant to Murrplastik in-house standard.
Chemical resistance of the inscription	Test for chemical resistance based on Murrplastik in-house standard.



Notes



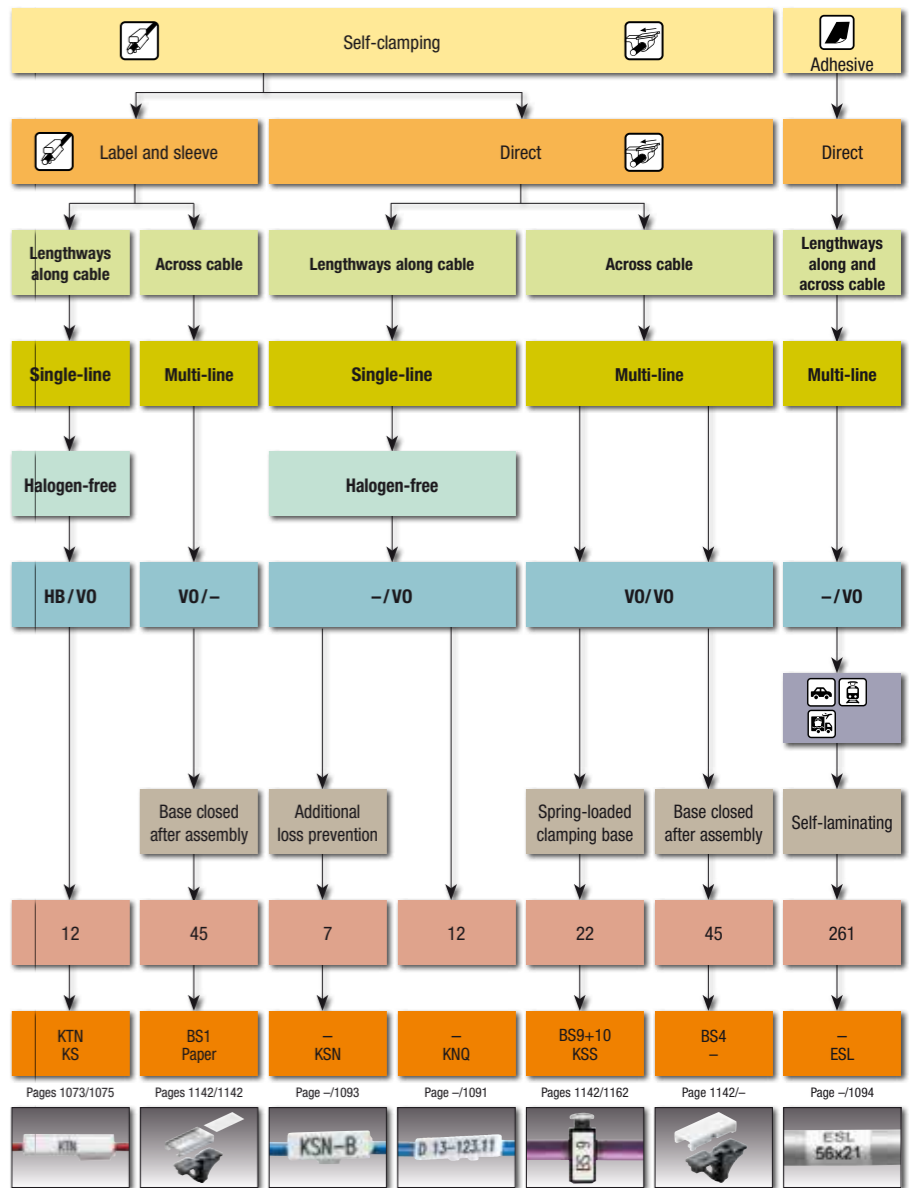
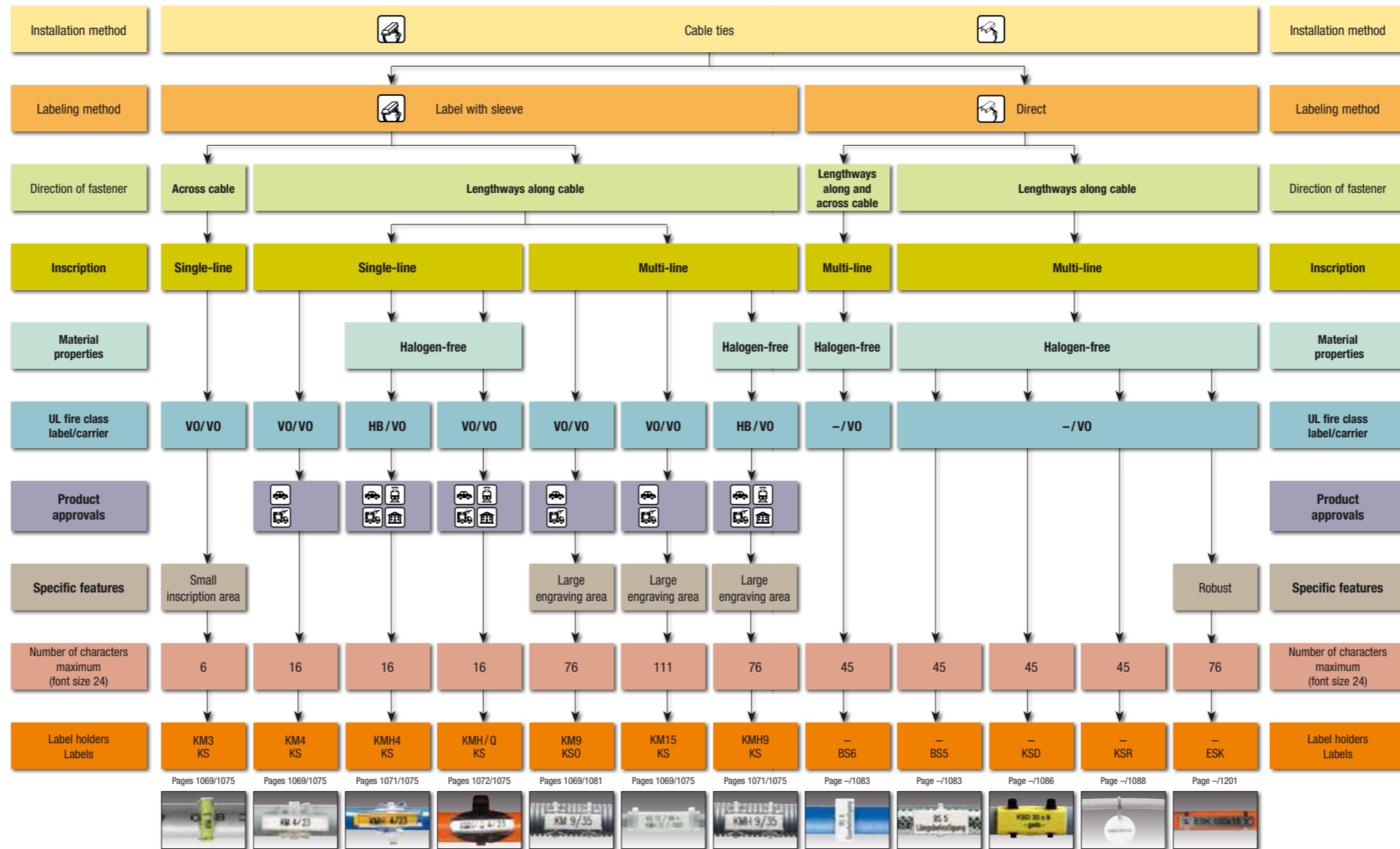
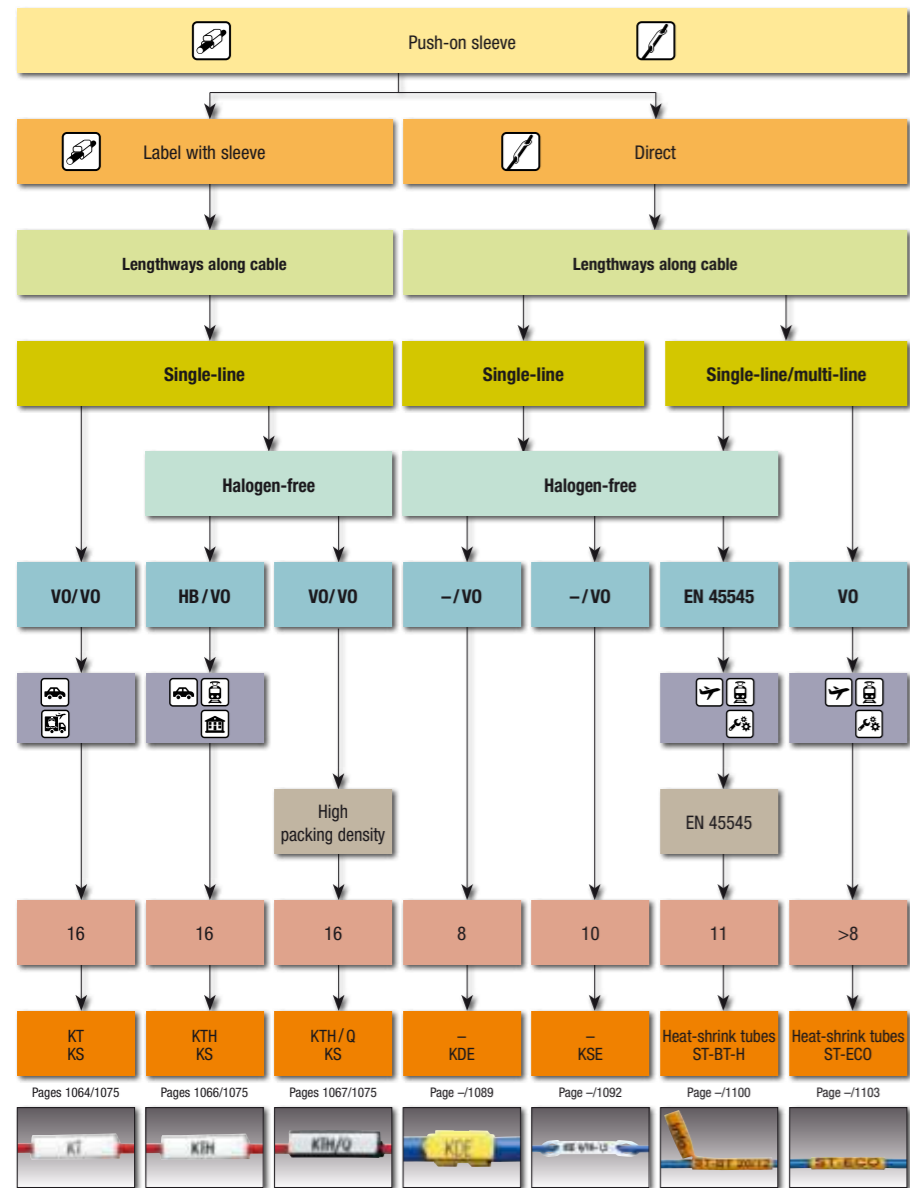


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KSL	1161
KSM	1084, 1085
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KSO	1081
KSR	1088
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KST	1182
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TYPE	PAGE
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Selection table single wire, cable and conduit labeling



Allocation table

