


	DATA SHEET	
Valid from: 20-12-2018	FLEXIMARK® Cablelabel MT	

Cablelabel MT are made of extruded, cross-linked, halogen free and flame retardant polyolefin compound.
 For identification of cables and wires.
 The markers are supplied on rolls for thermal transfer print in a one material construction.
 Mounted directly on the cable together with plastic cable ties.
 Printed with CAB thermal transfer printers.
 Different sizes give different printing area.



Technical data:

Material:	Extruded, cross-linked polyolefin
Temperature range:	-30°C up to +105°C
Colour:	Yellow, white, red, blue, green
Approvals:	Raw material: UL 94-V0
Adherence:	MIL81531 (SAEAS81531-1998 Clause 3.4.2/4.6.2)
Resistance toward solvent:	MIL-STD-202G test method 215(2002) (MIL81531/SAE-AS81531-1998 Clause 3.4.3.)
Recommended ribbon:	FTI-Y
Recommended storage:	Cool and dry in original packing

Mounting:

FLEXIMARK® Cablelabel MT is mounted directly on the cable together with two plastic cable ties.


Other product data:

ETIM Classification: EC001288

Advantages:

Print your own marking when you need it.
 Adapted for demanding environment.
 Halogen free and flame retardant durable material.
 Flexible material improves the mounting process of FLEXIMARK® Cablelabel MT.
 Text with long term durability thanks to thermal transfer printing.
 Thermal transfer printing method increases smudge, scratch resistance and resistance to oils and chemicals.
 The label roll gives a better overview over the printout.

Creator: Fleximark/LR	Document: DB83260275EN FLEXIMARK Cablelabel MT Version: 02	Page 1 of 4
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Product data:

LAPP Part no.	Article designation	Colour	Size WxH (mm)	Content (unit)	PU
83250275	Cablelabel MT 60x10 YE	Yellow	60x10	1000	1
83250276	Cablelabel MT 60x10 WH	White	60x10	1000	1
83250277	Cablelabel MT 60x10 RD	Red	60x10	1000	1
83250278	Cablelabel MT 60x10 BU	Blue	60x10	1000	1
83250279	Cablelabel MT 60x10 GN	Green	60x10	1000	1
83250280	Cablelabel MT 75x15 YE	Yellow	75x15	1000	1
83250281	Cablelabel MT 75x15 WH	White	75x15	1000	1
83250282	Cablelabel MT 75x15 RD	Red	75x15	1000	1
83250283	Cablelabel MT 75x15 BU	Blue	75x15	1000	1
83250284	Cablelabel MT 75x15 GN	Green	75x15	1000	1
83250285	Cablelabel MT 75x25 YE	Yellow	75x25	500	1
83250286	Cablelabel MT 75x25 WH	White	75x25	500	1
83250287	Cablelabel MT 75x25 RD	Red	75x25	500	1
83250288	Cablelabel MT 75x25 BU	Blue	75x25	500	1
83250289	Cablelabel MT 75x25 GN	Green	75x25	500	1

Creator: Fleximark/LR	Document: DB83260275EN FLEXIMARK Cablelabel MT Version: 02	Page 2 of 4
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DATA SHEET



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Physical data

Properties	Test Method	Typical Value
Tensile strength	ASTM D 638	13 N/mm ²
Elongation at break	ASTM D 638	200%
Longitudinal change	ASTM D 2671	≤+5%, ≤-10%
Water absorption	ASTM D 570	≤0,15%
Specific gravity	ASTM D 792	1.4 g/cm ³

Electrical

Properties	Test Method	Typical value
Dielectric strength	ASTM D 2671	20 kV/mm ²
Volume resistivity	ASTM D 257	10 ¹⁴ Ω cm

Chemical


Properties	Test method	Typical value
Fungus resistance	AMS-DTL-7444	Inert, no growth
Chemical resistance	AMS-DTL-23053/5	Good
Copper corrosion	ASTM D 2671B	No corrosion
Oxygen index	ASTM D 2863	36%

Thermal

Properties	Test method	Typical value
Heat shock 4 hours at 175°C	ASTM D 2671	No dripping, cracking or flowing
Heat aging 168 hours at 150°C	ASTM D 638	Elongation 100%
Low temperature flexibility -30°C	ASTM D 2671C	No cracking
Flammability	ASTM D 635	Pass » flame retardant

Smoke density

Standards	Flame propagation	Toxicity	Smoke density	Low Oxygen Index
BS 6853	ISO 4589-2 Annex A	BS 6853 Ap. B1 or NF X-70-100	BS 6853 D8.3	ISO 4589-2
NF F-16 101	NF T 51-071 & NF C 20-455	NF X 70-100	NF X 10-702	ISO 4589-2
NFPA130	ASTM 162	BSS 7239	ASTM 662	
EN 45545-2	DIN 60332-1-2	NF X 70-100 600°C	EN 61034-2	ISO 4589-2
DIN 5510-2	DIN 54837	DIN ISO 5659	DIN ISO 5659	
UNI CEI 11170-3 cl LR4	ISO 11925-2:2010	NF X 70-100	NF X 10-702	

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Related products

FLEXIMARK® Cablelabel MT is printed with CAB thermal transfer printers (available in our assortment). To make the printing process more efficient, the usage of FLEXIMARK® Software, label software for printing marking systems, is recommended. The FLEXIMARK® Software is also included in the package when you purchase a printer from Fleximark AB. It is important to choose the right ribbon for the right marking. We recommend FTI-Y ribbon for durable thermal transfer printing with Cablelabel MT.



Note:

Pictures are not to scale and do not represent detailed images of each product.

Creator: Fleximark/LR	Document: DB83260275EN FLEXIMARK Cablelabel MT Version: 02	Page 4 of 4
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