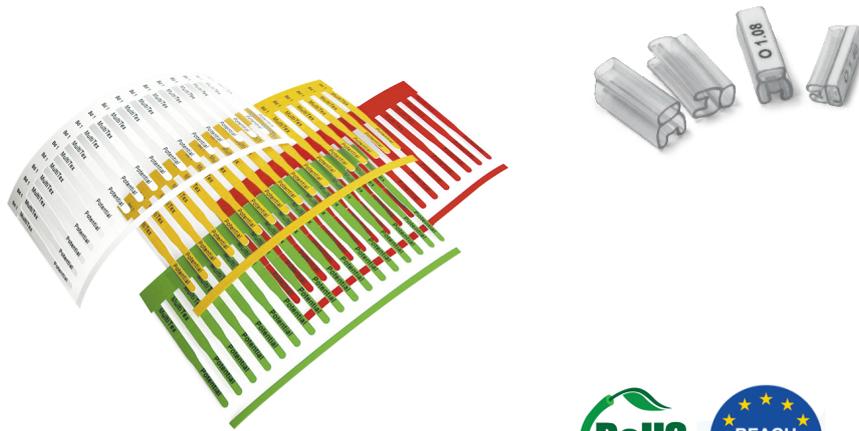


MTX Markers

Polypropylene Markers for holders

TECHNICAL DATA SHEET

Revision Number. 1
Last Edited 5. januar 2024



MTX markers are the optimum solution for efficient, cost effective wire marking. The markers are quickly and easily printed using thermal transfer printing and the marking provides excellent durability.

The MTX markers are applied into clear carriers in either PVC or Zerex "0-hal" material, ready for final marking on the wire, without the need of a tool. Easy pick-ability and sorting of markers.

Cable diameter from 0,5mm to 26mm or 0,5mm² to 240mm²

Suitable for thermal transfer printing with selected wax-resin ribbons.

Industry



Industry



Marine



Wind power



Commercial



Aerospace



Construction



Railway



Military



Electrical installations



Petrochemical



Telecom

STANDARD COLORS



MATERIAL

Top-coated polypropylene film

OPERATING TEMPERATURE

-40°C up to +90°C
(-40F to 194°F)

PROCESSING METHOD

Die-cut Labels

RESISTANCE TO SOLVENTS

Alkali - Alcohol - Acid -and many other solvent

ROHS COMPLIANT

Yes

RECOMMENDED RIBBON

FTI-Y

HALOGEN FREE

No

THERMAL RESISTANCE

CEI 16-7 The material is compliant to CEI 17-7

ADHESIVE

Clear, permanent, radiation-cured UV-acrylic adhesive. Designed for film in combination with paper and filmic liners where excellent clarity, water, chemical or temperature resistance is required

TORAGE

From date of manufacture 2 years. Cool and dry in original packaging. Recommended temperature at +20°C to +25°C and 45-50% relative humidity. Prolonged storage at higher temperatures and / or higher humidity will shorten shelf life. Typical value is 6 months stored at 21°C at RH 50%

APPLICATIONS

Developed to be used in normal Industry, Wind Power, Commercial, Construction, Electrical and Telecom installations, wire & cable bundling.

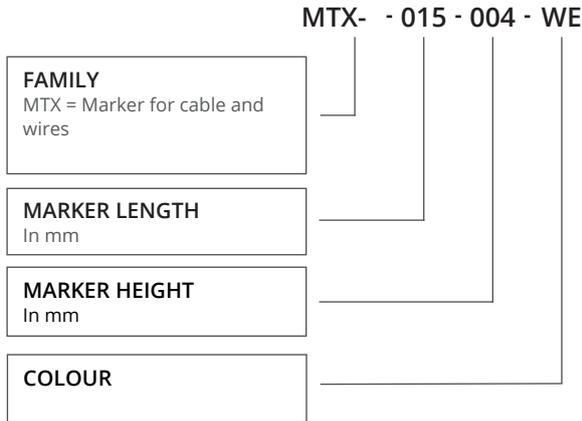
Ordering Info

PART NUMBER	TYPE	LENGTH MARKER	MATERIAL	QTY-PCS	Colour	UOM	Use with Holder Length	
MTX-010x004-WE	Marker	10mm	PP	3000	White	Roll	10mm	
MTX-010x004-YW	Marker	10 mm	PP	3000	White	Roll	10mm	
MTX-015x004-WE	Marker	15 mm	PP	3000	Yellow	Roll	15mm	
MTX-015x004-YW	Marker	15 mm.	PP	3000	Yellow	Roll	15mm	

PART NUMBER	TYPE	LENGTH MARKER	MATERIAL	QTY PCS	Colour	UOM	Use with Holder Length	
MTX-018x004-WE	Marker	18 mm	PP	3000	White	Roll	18mm	
MTX-018x004-YW	Marker	18 mm	PP	3000	Yellow	Roll	18mm	
MTX-023x004-WE	Marker	23 mm	PP	3000	White	Roll	23mm	
MTX-023x004-YW	Marker	23 mm	PP	3000	Yellow	Roll	23mm	
MTX-030x004-WE	Marker	30 mm	PP	3000	White	Roll	30mm	
MTX-030x004-YW	Marker	30 mm	PP	3000	Yellow	Roll	30mm	

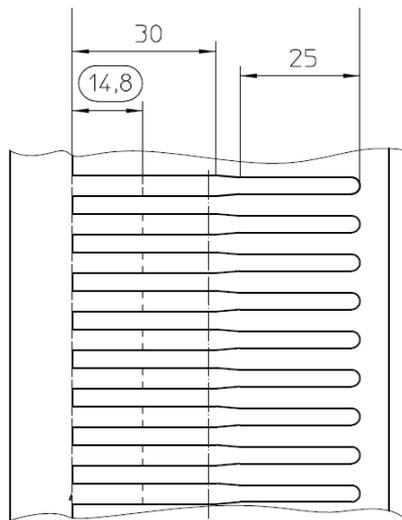
PART NUMBER EXAMPLES - MTX-015x04-WE

Product code



Drawing - Marker Lengths

Marker length 10-15-18-23-30mm



General Values for Zero-Halogen PP Film

FILM PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Substance	DIN 53352	90 g/m ²
Caliper	DIN 53370	92 µm
Opacity	DIN 53146/1	85%
Tensile Strength MD	DIN 53455	170N/mm ²
Tensile Strength CD	DIN 53455	180N/mm ²
Thickness Micron	250 +/- 10%	250 +/- 10%

FILM THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Operating Temperature	-5° - 90°

ADHESIVE PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Tack min	FTM 9	8N
Peel Min	FTM 2	8,0 N / 25mm
Peel Max	FTM 2	8.0 N /25mm
Approval		FDA 21CFR 175.105
Clear, permanent, radiation-cured UV-acrylic adhesive. Designed for film in combination with paper and filmic liners where excellent clarity, water , chemical or temperature resistance is required		

ADHESIVE THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Operating Temperature	-5° - 140°
Labelling Temperature Min		10°C
Max Temperature		140°C

PET BACKING LINER

PROPERTIES	TEST METHOD	TYPICAL VALUE
Substance	ISO 536	50 g/m ²
Caliper	ISO 534	36 µm
Opacity	DIN 53146/1	85%
Tensile Strength MD	DIN 53455	72N/mm ²
Tensile Strength CD	DIN 53455	72N/mm ²
Clear polyester backing liner designed for applications needing high strength and moisture resistance in combination with stiff face materials or small labels that requires higher release level. Can also be used for transfer adhesives products		