Cable Marker Tag
CMT-2

Description:

CMT-2 is made of the environment-friendly polyolefin by means of bombardment and cross-linked of high energy electron bunch, marker tags are non-adhesive that can be used to identify large cables and wires bundles, such as to identify EMU for High-speed, subways, submarine and aerospace, marker tags are attached on large cables and wire bundles with cable ties and keep permanent identification.

There are three options for materials:

Material 1) tag is military grade, operating temperature -55°C----135°C.

Material 2) tag is military grade, fluid resistant, operating temperature -55°C----135°C.

Material 3) tag is halogen free, operating temperature -40°C----125°C.

Marker tags are printed by computer-driven with heavy duty dot matrix, thermal transfer printers and laser graver printers and providing several advantages in terms of reduced errors, cycle time and cost.

Characteristics

1) Side entry marker tags to big size cables and wire bundles retrofit and repair capability, without broken power circuit and run down the machines

2) Easy installation, only standard cable tie-wraps are needed to install

3) Marker tags, no extra steps required

4) Highly flame –retardant, low smog density

5) Highly resistant to abrasion, mechanical abuses, fluids, lubricants and solvents.

6) Low vacuum out gassing for outer space applications,

7) Computer-printable, any characters and logo are easy to design

8) No melting at high temperature, no brittle in freezer.

Color： Yellow, White and Other colors

Specification and size

NO.	Pack size（pcs/coil）	Marker hight（mm）	Marker length（mm）	Printable range（mm）		Recommended use range（mm）
				high	length	
1	2000	10.4	45	6.4	25	5.08～12.7
2	2000	10.4	53	6.4	33	5.08～12.7
3	2000	10.4	64	6.4	44	5.08～12.7
4	2000	10.4	76	6.4	56	5.08～12.7
5	2000	10.4	90	6.4	70	5.08～12.7
6	2000	12	102	8	82	12.7～19.1
7	1500	15	45	11	25	12.7～19.1
8	1500	15	53	11	33	12.7～19.1
9	1500	15	64	11	44	12.7～19.1

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10	1500	15	76	11	56	12.7～19.1
11	1500	15	90	11	70	12.7～19.1
12	1000	20.3	45	16.3	25	19.1～25.4
13	1000	20.3	53	16.3	33	19.1～25.4
14	1000	20.3	64	16.3	44	19.1～25.4
15	1000	20.3	76	16.3	56	19.1～25.4
16	1000	20.3	90	16.3	70	19.1～25.4
17	1000	25.4	45	21.4	25	25.4 and up
18	1000	25.4	53	21.4	33	25.4 and up
19	1000	25.4	64	21.4	44	25.4 and up
20	1000	25.4	76	21.4	56	25.4 and up
21	1000	25.4	90	21.4	70	25.4 and up

Physic and chemical electronic performance

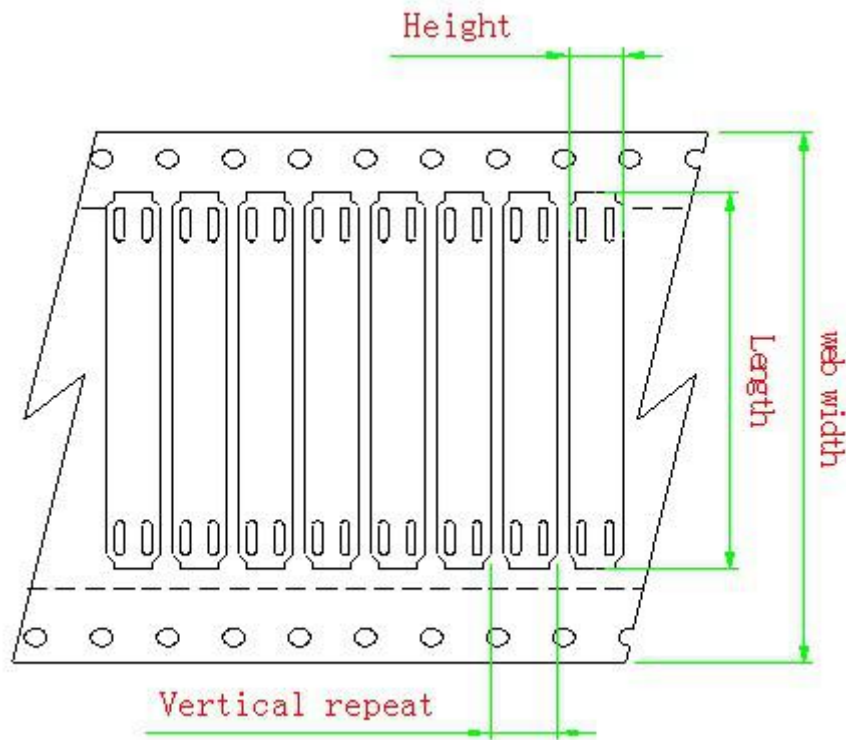| Property	States	Quota	Test method
Tensile strength (MPa)	unaged	≥10.3MPa	ASTM D2671
	Heat-aged	≥6.9MPa	
Ultimate elongation（%）	unaged	≥200%	
	Heat-aged	≥100%	
Voltage withstand(V)	unaged	2500 V,60s,Pass	UL224
Dielectric strength (MV/m)	unaged	≥19.7	ASTM D2671
	Heat-aged	≥15.8	
Volume resistivity (Ω-cm)		≥10 14	ASTM D2671
Water absorption(%）	Unaged	≤1.0	ASTM D 570
Corrosion	Unaged	Pass	UL 224
Heat shock	Unaged	No flowing or dripping	UL 224
Low temperature flexibility	Unaged	No cracks	UL 224
Flammability	unaged	S3	DIN 5510-2

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Printing Ribbon Description

KHN85— is an ultra- high durability black resin thermal transfer ribbon, tested and approved for use on wire marker sleeves as well as cable marker tags.

The max storage temperature: -5°C---40°C

Operating temperature: 5°C----35°C

The delivery temperature: -5°C ----45°C

Complied standards: SAE AS 81531 and MIL-STD-202F/215K

Ribbon width: 100 mm

Ribbon length: 300 m

Printable area: 100% full area

Internal diameter：25mm

Outside diameter: 62mm

Ink: Resin

Standard color: Black

Ribbon wind direction: Ink exterior