



FC Electrical Tape For AutoWire Harness

Description: FC is a thin premium grade plasticized polyvinyl chloride film coated with an aggressive rubber resin adhesive with good characteristics. It is highly conformable and unaffected by most chemicals and moisture. Meet ROHS and REACH requirements, It could prevent the gradually harm to body ,for example lead and cadmium in the common tape. in order to protect the safety of user.

Application: It is specifically designed for wire harness and other electrical insulating application. wrapped wires with a half-lap is better, the last layer should be no tension to prevent flagging.

Technical Data:

Properties	unit	Specification					Test Method
		FC110	FC120	FC130	FC150	FC180	
Total Thickness	mm	0.110	0.120	0.130	0.150	0.180	ASTM D1000
Tensile Strength	N/cm	15	18	20	22	28	ASTM D1000
Elongation	%	150	200	200	200	220	ASTM D1000
Adhesion Strength							
• to steel	N/cm	1.4	1.4	1.4	1.4	1.4	ASTM D1000
• to Backing	N/cm	1.2	1.2	1.2	1.2	1.2	
Unwinding	N/cm	1.5~4.5	1.5~4.5	1.5~4.5	1.5~4.5	1.5~4.5	ASTM D1000
Dielectric breakdown	V	600	600	600	600	600	UL510
Temperature Resistance	° C	105	105	105	105	105	VW60360
Flame Resistance	s	15	15	15	15	15	ASTM D1000
Content of Heavy Metal							
• Lead, Cadmium	ppm	30	30	30	30	30	US EPA3052
• Mercury, Chromium(VI)	ppm	10	10	10	10	10	US EPA3060A
• Polybrominated bipheyls	ppm	10	10	10	10	10	US EPA3540C
Polybrominated bipheyl ethers							

Other properties

- Color : Black and other
- Surface Texture : Matt
- Shelf Life: 12 months when stored in original carton at 23°C × 65%R.H.

Availability

- Standard length: 20m
- Standard inner diameter of core: 32、38mm.
- Standard width: 19mm

Important Notice to Purchaser: All statements, information and recommendations contained here in are based on tests we believe to be reliable, before using, users shall determine the suitability of the product for their intended uses.