



DM-ST MEDIUM VOLTAGE TUBING

Semi conductive/insulation heat shrink tubing

Applications

The internal layer provides high insulation whereas the external layer provides electrical shielding. Very suitable for applications in power cable joints up to 36 kV.

Features

Very good insulator and excellent semiconducting product.

Various

Minimum shrink temperature: 100 °C

Minimum full recovery temperature: 130 °C

Standard color: Black outside, red inside.

Packaging: 1 m & 1,22 m.

Technical Data

Property	Test Method	Typical Data
internal layer		
Tensile strength	ASTM D 2671	12MPa (min)
Elongation at break	ASTM D 2671	300% (min)
Density	ASTM D 257-98	1.1g/cm ³
Dielectric strength	IEC 243	≥20 kV/mm
Volume resistance	IEC 93	≥10 ¹⁵ Ω.cm (min)
Water absorption	ISO 62 (23°C/14 days)	<0.5% (max)
External layer		
Tensile strength	ASTM D 638	14 MPa (min)
Elongation at break	ASTM D 638	300% (min)
Water absorption	ISO 62	0.5% max
Volume resistance	IEC 93	<10 ⁴ Ω.cm
Density	ASTM D 257-98	1.2 g/cm

Dimensions

Size	As Supplied (mm)		After Recovery (mm)		Inner insulation layer wall thickness (mm)	Standard length m
	DM-ST (D)	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Nominal. (t)		
36/12	36	12	6.0	5.0	1.22	
45/15	45	15	6.0	5.0	1.22	
55/18	55	18	6.0	5.0	1.22	
62/18	62	18	6.5	5.5	1.22	
65/22	65	22	6.6	5.6	1.22	
73/26	73	26	6.6	5.6	1.22	
85/30	85	30	6.6	5.6	1.22	
100/38	100	38	6.6	5.6	1.22	
120/45	120	45	7.0	5.7	1.22	
140/50	140	50	7.0	5.7	1.22	

*Spools as standards. 1 m. or 1,22 m. sticks, special spool lengths or cut pieces available on request.