



Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV

Technical Data Sheet: Semi-Conductive Tube

Features

- Crosslinked polyolefin
- Excellent electrical & mechanical properties
- UV and weather resistance
- Operating temp.: -45°C to +105°C
- Up to 36kV
- Min. shrink temp.: 100°C
- Min. full recovery temp.: 120°C

Products:

Semi-Conductive Tube			
Part Number	Shrink Range	Total Wall Thickness	Length
COT 33-8-1200	8-33mm	2.2mm	1.2mtr
COT 40-12-1200	12-40mm	2.2mm	1.2mtr
COT 55-18-1200	18-55mm	2.5mm	1.2mtr
COT 65-20-1200	20-65mm	2.7mm	1.2mtr
COT 70-24-1200	24-70mm	2.7mm	1.2mtr
COT 95-35-1200	35-95mm	3mm	1.2mtr
COT-115-34-1200	34-115mm	3.2mm	1.2mtr
* Standard Colour: Black			

Technical Properties

Property	Test Method	Typical Data
Tensile Strength	ASTM D 638	≥14 MPa
Ultimate elongation	ASTM D 638	≥300%
Longitudinal Shrinkage	-	0 to ±5%
Volume resistance	IEC 93	<10 ⁴ Ω.cm
Ultimate Elongation after aging	150, 168 hrs	≥200%
Water absorption	ISO 62	<0.15%



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