

Technical Datasheet

Product Management News

TCN 30 : Heat shrinkable tubing



Description

TCN30 is a flexible thin wall flame-retarded cross-linked polyolefin heat shrinkable tubing with a shrink ratio of 3:1 and an operating temperature range of -55°C to +125°C.

Applications

TCN30 is ideal for use as insulation over cable joints or terminations and for cable bundling in harness work.

Properties

Properties	Typical results	Test method
Material	Cross-linked polyolefin	
Continuous operating temperature	-55°C to +125°C	
Minimum shrink temperature	+ 100°C	
Dielectric strength	> 20 kV/mm	ASTM D2671
Tensile strength	> 15 MPa	ASTM D2671
Ultimate elongation	700 %	ASTM D2671
Longitudinal change	+/- 5%	ASTM D2671
Eccentricity	25%	ASTM D2671
Volume resistivity	2.0x10 ¹⁴ Ω.cm	UL224
Flammability	VW-1	UL224
Shelf life	5 years	
Color	Black (BK)	



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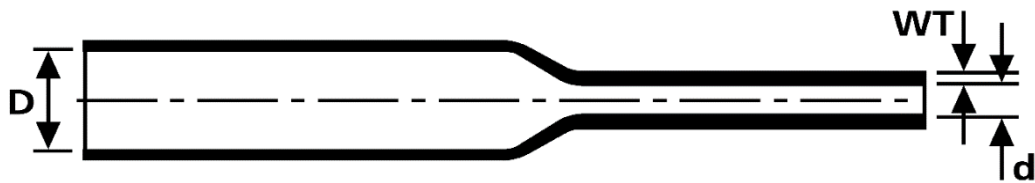
Standards

Approved to : N/A

Conforms to : UL224 VW1



Dimensions



	D (mm)	d (mm)	WT (mm)
3.0/1.0	3.0	1.0	0.5
6.0/2.0	6.0	2.0	0.65
12.0/4.0	12.0	4.0	0.8
18.0/6.0	18.0	6.0	0.9
24.0/8.0	24.0	8.0	1.0

