

Heat Shrink Tubing Thick Wall w/Adhesive 3:1 Shrink Ratio

Description:

NTE's Thick Wall Heat Shrink Tubing is polyolefin based heat–shrinkable tubing suitable for a wide range of telecom and power applications like joints and cable repair. This tough, durable tubing provides protection for electrical connections in the most adverse conditions including direct burial, URD, and submersible installations.

Technical Data:

Properties	Test Method	Typical Value	
Physical			
Tensile Strength	ASTM D 638	14 N/mm ²	
Elongation at Break	ASTM D 638	400%	
Longitudinal Change	ASTM D 2671	+0%, -10% Maximum	
Water Absorption	ASTM D 570	< 0.15% Maximum	
Chemical			
Fungus Resistance	ISO 846 Meth. A	Rate I	
Copper Corrosion	ASTM D 2671 B	Good	
Thermal			
Continuous Operating Temperature		−40° to +120°C	
Minimum Shrink Temperature		> +110°C	
Heat Shock (4 Hours at +250°C)	ASTM D 2671	No Dripping, Cracking or Flowing	
Heat Aging (168 Hours at +150°C)	ASTM D 638	Ultimate Elongation 300%	
Low Temperature Flexibility (-55°C)	ASTM D 2671 C	No Cracking (Outer Wall Only)	
Electrical			
Dielectric Strength	ASTM D 2671	17kV/mm	
Volume Resistivity	ASTM D 257	10 @ 14 ohm.cm	

Products Covered:

NTE Catalog Number	Size (inch)	I.D. (in mm)		Rec. Wall Thickness
48"		Ехр.	Rec.	(mm)
47-400124-BK	.470	12	3	2.5
47-400206-BK	.790	20	6	2.7
47-400328-BK	1.060	27	8	4.0
47-404013-BK	1.570	40	13	4.0
47-405517-BK	2.000	55	18	4.1
47-407222-BK	2.830	72	22	4.2
47-409029-BK	3.540	90	29	4.3
47-412040-BK	4.720	120	40	4.6