



ELECTRONICS, INC.
44 FARRAND STREET
BLOOMFIELD, NJ 07003
(973) 748-5089
<http://www.nteinc.com>



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		
Voltage Rating		1000V
Dielectric Strength	ASTM D 2671	17kV/mm
Volume Resistivity	ASTM D 257	10 @ 14 ohm.cm

NOTE: July 2018 – NTE certifies that the materials contained in this product meet the requirements of California Prop 65.

Products Covered:

NTE Catalog Number	Size (inch)	I.D. (in mm)		Rec. Wall Thickness (mm)
		Exp. (min)	Rec. (max)	
48"				
47-400124-BK	.470	12	4	2.2
47-400206-BK	.790	20	6	2.9
47-400328-BK	1.250	32	8	3.4
47-404013-BK	1.570	40	13	4.2
47-405517-BK	2.150	55	17	4.2
47-407222-BK	2.830	72	22	4.2
47-409029-BK	3.540	90	29	4.4
47-412040-BK	4.720	120	35	4.4

Rev. 5-21

