ELECTRONICS, INC.
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Heat Shrink Tubing Medium Wall w/Adhesive
3:1 Shrink Ratio

Description:

NTE's Medium 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 tubing is ideally suited for aerial, underground and direct burial installation.

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)	Ratio	I.D. (in mm)		Rec. Wall Thickness (mm)
48"			Exp. (min	Rec. (max)	
47–300124–BK	.470	3:1	12	4	1.9
47–300206–BK	.790	3.33:1	20	6	2.5
47–300278–BK	1.060	3.37:1	27	8	2.8
47–304013–BK	1.570	3.07:1	40	13	2.8
47–305117–BK	2.000	3:1	51	17	2.9
47–307222–BK	2.830	3.27:1	72	22	3.1
47–309029–BK	3.540	3.1:1	90	29	3.7
47–312040–BK	4.720	3:1	120	35	3.7

RoHS