



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
<b>Physical</b>		
Tensile Strength	ASTM D 638	14 N/mm <sup>2</sup>
Elongation at Break	ASTM D 638	400%
Longitudinal Change	ASTM D 2671	+0%, -10% Maximum
Water Absorption	ASTM D 570	< 0.15% Maximum
<b>Chemical</b>		
Fungus Resistance	ISO 846 Meth. A	Rate I
Copper Corrosion	ASTM D 2671 B	Good
<b>Thermal</b>		
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 <b>Only</b> )
<b>Electrical</b>		
Dielectric Strength	ASTM D 2671	17kV/mm
Volume Resistivity	ASTM D 257	10 @ 14 ohm.cm

### **Products Covered:**

NTE Catalog Number	Size (inch)	Ratio	I.D. (in mm)		Rec. Wall Thickness (mm)
			Exp.	Rec.	
<b>48"</b>					
47-300124-BK	.470	3:1	12	3	1.5
47-300206-BK	.790	3.33:1	20	6	2.5
47-300278-BK	1.060	3.37:1	27	8	2.5
47-304013-BK	1.570	3.07:1	40	13	2.5
47-305117-BK	2.000	3:1	50	17	2.5
47-307222-BK	2.830	3.27:1	72	22	2.5
47-309029-BK	3.540	3.1:1	90	29	2.5
47-312040-BK	4.720	3:1	120	40	2.5

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