



ELECTRONICS, INC.  
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## Heat Shrink End Caps w/Adhesive

### Description:

NTE's Heat Shrink End Caps are polyolefin based heat-shrinkable end caps lined with hot melt adhesive which provides a permanent, flexible, and water-resistant barrier, sealing cable ends and providing reliable protection for a variety of cable types such as trailing cable, power cables, telecommunication cables, and control cables during storage and transportation.

### Features:

- RoHS Compliant
- Excellent Electrical, Physical, and Chemical Properties
- Waterproof and Chemical Resistant
- Operating Temperature: -67° to +257°F (-55° to +125°C)
- Minimum Shrink Temperature: +212°F (+100°C)



### Materials:

- Insulation: Polyolefin

### Technical Data:

Properties	Test Method	Typical Value
<b>Physical</b>		
Tensile Strength	ASTM 2671	≥13MPa
Ultimate Elongation	ASTM 2671	≥300%
Tensile Strength after Thermal Aging	ASTM 2671	≥10MPa
Ultimate Elongation after Thermal Aging	ASTM 2671	≥250%
<b>Thermal</b>		
Continuous Operating Temperature		-40° to +120°C
Minimum Shrink Temperature		+100°C
<b>Electrical</b>		
Dielectric Strength	IEC 243	≥15kV/mm
Volume Resistance	IEC 93	≥10 <sup>13</sup> Ω • m

### Products Covered:

NTE Catalog Number	I.D.		Length in (mm)
	Exp. in (mm)	Rec. in (mm)	
47-EC012	.472 (12.0)	.157 (4.0)	1.570 (40.0)
47-EC020	.787 (20.0)	.236 (6.0)	2.160 (55.0)
47-EC025	.984 (25.0)	.334 (8.5)	2.670 (68.0)
47-EC035	1.180 (35.0)	.629 (16.0)	3.260 (83.0)
47-EC055	2.160 (55.0)	1.020 (26.0)	4.050 (103.0)
47-EC075	2.950 (75.0)	1.410 (36.0)	4.720 (120.0)

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

