

# QEC-150

**ADHESIVE LINED, SEMI-RIGID, CROSSLINKED POLYOLEFIN  
HEAT SHRINKABLE TUBING FOR WIRING HARNESS SPLICE  
AND TERMINAL, SHRINK RATIO 4:1**

## Features/Applications

Designed for high temperature automotive under hood harness and assemblies. Seals and protects against water, moisture, and chemicals. Provides abrasion protection and electrical insulation at a continuous operating temperature of -40°C to +150°C.

- Continuous Operating temperature: -40°C to +150°C
- Minimum Full recovery temperature: 135°C
- Standard colors: Black
- RoHS Compliant



## Technical Data

Property	Test Method	Test Requirements
Tensile Strength	ASTM D 2671	>10.4 MPa
Ultimate Elongation	ASTM D 2671	300% minimum
Secant Modulus at 2% (expanded)	ASTM D 2671	241MPa minimum
Heat Shock	250°C, 4 hrs.	No cracking, no dropping
Flammability	ISO 6722-1	Self extinguish in 30 seconds
Cold Bend (-30°C, 4 hr.)	UL 224	No cracking
Short-term Heat aging 175°C for 240Hrs water tightness	GMW 17136	Max. 5µA
Volume Resistance	ASTM D 2671	>10 <sup>13</sup> Ω.cm
Resistance to Liquid Chemicals Water Tightness	GMW 17136	Max. 5µA
Dielectric Strength (Jacket only)	ASTM D 2671	19KV/mm Min.

## Product Dimensions

Size	As Supplied (mm)		After Recovered (mm)			Standard Packaging	
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Adhesive Thickness (nom.)	Cut to Length Pcs. (QB)* Qty per bag		
					6"	48"	
0	5.1	1.3	1.10	0.76	20	5	
1	7.6	1.7	1.22	0.76	16	5	
2	9.0	2.3	1.22	0.76	14	5	
3	11.6	2.5	1.99	1.40	12	5	
4	17.8	4.4	2.24	1.52	12	5	

### Notes:

- \* See Part Number Guide for standard packaging codes.
- Cross Reference Guide available.
- Special sizes, packaging, colors and cut pieces are available upon request.