

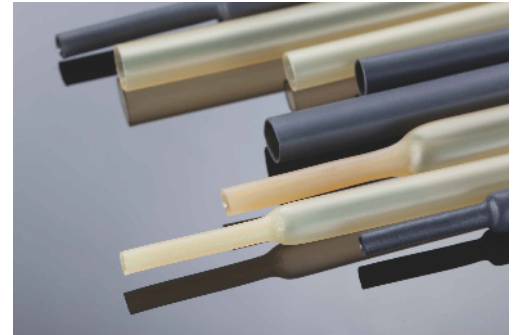
## QBK

### SEMI-RIGID, ADHESIVE LINED HEAT SHRINKABLE TUBING FLAME RETARDANT SHRINK RATIO 4:1

#### Features/Applications

Specially designed to protect splices and joint of wire harness, and components against environmental damage. 4:1 shrink ratio allows it to easily fit a wide range of components, and thicker adhesive coated layer forms an effective barrier against fluids and moisture.

- Operating temperature: -40°C to +125°C
- Minimum shrink temperature: 110°C
- Minimum Full recovery temperature: 135°C
- Meets: Flame Retardant and UV Resistant (Black only), 600V
- Standard colors: Black and Clear
- RoHS Compliant



Technical Data		
Property	Test Method	Test Requirements
Tensile Strength	ASTM D 2671	>10.4 MPa
Tensile Strength at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	>7.3 MPa
Ultimate Elongation	ASTM D 2671	>250%
Elongation at Break After Aging (158°C, 168 hrs.)	ASTM D 2671	>100%
Secant Modulus	ASTM D 2671	>137MPa
Heat Shock (225°C, 4 hrs.)	UL 224	No cracking, no dropping
Cold Bend ( -30°C, 4 hr.)	ASTM D 2671	No cracking
Volume Resistance	ASTM D 2671	>10 <sup>12</sup> Ω.cm
Heat aging (125°C, 3000 hrs.) followed by immersion leak resistance	GMW 17136	Max. 5µA
Flammability (except for clear)	ISO 6722-1	Self extinguish in 30 seconds

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"
1	6	1.27	1.30	0.50	20	5
2	8	1.65	1.50	0.65	16	5
3	12	2.41	1.90	1.05	14	5
4	18	4.45	2.40	1.35	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.