

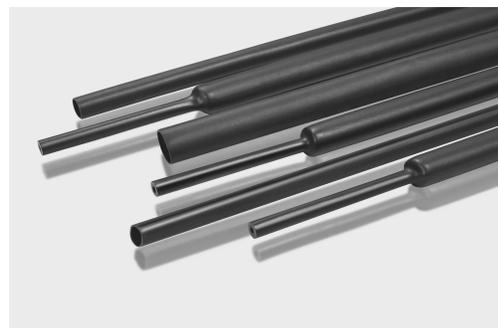
# QD-2000 RoHS Compliant

## 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 +130°C
- Minimum shrink temperature: 110°C
- Minimum Full recovery temperature: 135°C
- Meets: Flame Retardant and UV Resistant (Black only)
- Standard colors: Black and Clear
- RoHS Compliant



### Technical Data

Property	Test Method	Test Requirements
Tensile Strength	ASTM D 2671	>10.4 MPa
Ultimate Elongation	ASTM D 2671	250% minimum
Secant Modulus	ASTM D 2671	137MPa minimum
Heat Shock	225°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
Heat aging 130°C for 3000Hrs followed by immersion leak resistance	GMW 17136	Max. 5µA
Volume Resistance	ASTM D 2671	>10 <sup>12</sup> Ω.cm
Resistance to Liquid Chemicals Water Tightness	GMW 17136	Max. 5µA

### 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	5.72	1.27	1.20	0.56	20	5	
2	7.44	1.65	1.52	0.76	16	5	
3	10.85	2.41	1.91	1.02	14	5	
4	17.78	4.45	2.41	1.37	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.