TECHNICAL DATA SHEET

pro-POWER

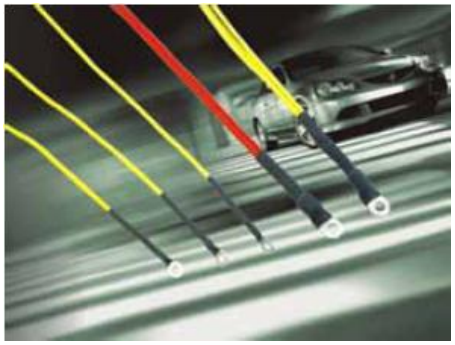
CB19345-349

RoHS Compliant

FLAME RETARDANT, HIGH SHRINK RATIO, ADHESIVE LINED, SEMI-RIGID POLYOLEFIN HEAT SHRINK TUBING

Characteristics

- Operating temperature: -45°C to +125°C
- Minimum shrink temperature: 70°C
- Minimum full recovery temperature: 125°C
- Shrink Ratio: 4:1
- Approvals: UL224, 125°C 600V VW-1
- Standard colour: black



Applications

Flame-retardant and mechanically tough; the tubing provides strain relief and abrasion protection of wire splices, terminals and other components. High shrink ratio allows a few sizes to cover a wide range of splice and component diameters. Thick adhesive liner forms an effective barrier against fluids and moisture.

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	≥14MPa
Ultimate Elongation	ASTM D 2671	≥200%
Longitudinal Shrinkage	UL 224	≤+/-10%
Heat shock	250°C, 4hrs	No cracking
Flammability	VW-1	Pass (out jacket only)
Dielectric Strength	IEC 243	20kv/mm
Volume Resistivity	UL224	$1x10^{14}\Omega\cdot cm$
Copper Stability	ASTM D 2671	Pass
Corrosion	UL224	No corrosion

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Hot melt Adhesive Property

Test Item	Test Method	Test Result
Water absorption ratio:	ASTM-D570	<0.2%
Softening point	ASTM-E8	95℃
Peel Strength (PE)	ASTM-D1000	120N/25m
Peel Strength (AL)	ASTM-D1000	80N/25m

Product Dimensions

Size		As supplied	After recovery(mm)			Standard Package
Inch	mm	Internal Diameter(mm)	Internal Diameter	Total Wall Thickness	Adhesive thickness	m/pc
1/4	6.0	6.0	1.27	1.26±0.30	0.50±0.30	1.22
5/16	8.0	8.0	1.65	1.70±0.30	0.75±0.30	1.22
1/2	12.0	12.0	2.41	2.10±0.30	0.95±0.30	1.22
3/4	18.0	18.0	4.45	2.60±0.30	1.30±0.30	1.22