

HIGH SHRINK RATIO, ADHESIVE LINED, POLYOLEFIN HEAT SHRINK TUBING

Characteristics

- Operating temperature: -55° to +125°
- Minimum shrink temperature: 70°
- Shrink Ratio: 3:1 and 4:1
- Approvals: UL224, 125° 600V VW-1
(except clear)
- Standard Colours: Black
(Other colours are also available on request)



Applications

Manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide both insulation and sealing for the protected items. Typically uses are the protection of automotive wires, bundled wires and metal tubes against water and moisture. The high expansion ratio makes it possible to repair most damaged cable jackets without removing connectors.

Technical Data		
Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	10.4MPa
Ultimate Elongation (%)	ASTM D 2671	30
Longitudinal Shrinkage (%)	UL 224	0 to -10
Heat Aging Ultimate Elongation (%)	158°, 168hr	200
Flammability	VW-1	Pass (outer jacket only)
Dielectric Strength (kv/mm)	IEC 243	20
Volume Resistivity (ohm-cm)	UL224	1x10 ¹⁴
Copper Stability	ASTM D 2671	Pass
Corrosion	UL224	No corrosion

CERTIFICATE OF RoHS COMPLIANCE

SHDW-1-SB (3X, 4X) has been manufactured from materials that are compliant with the UK (EU) RoHS requirements.

The materials in our heatshrink ranges have been independently tested by an appropriate third party and we retain these records and intend to repeat such tests on an ongoing basis as part of our quality control procedures. Testing methods include:

- EPA method 3050B:1996 other acid digestion
- BSEN1122: 2001 method B other acid digestion
- EPA method 3052B:1996 other acid digestion
- EPA method 3060 & EPA 7196A:1992
- Atomic Absorption Spectrometer/ Inductively coupled Plasma Atomic Emission Spectrometer (ICP+AES) UV-VIS Spectrophotometer