

# Heatshrink Adhesive Lined

pro-POWER

RoHS  
Compliant



## Description:

This is a flexible, flame retarded heat-shrinkable polyolefin tubing, with a shrink ratio of 4 : 1 with a thick wall adhesive which melts and flows, to seal components contained within. Recommended for applications requiring water-proofing for light cable and wire harnesses and protection of connector components.

## Features :

- EPA method 3050B : 1996 other acid digestion
- BSEN1122 : 2001 method B other acid digestion
- EPA method 3052B : 1996 other acid digestion
- EPA method 3060 and EPA 7196A : 1992
- Atomic absorption spectrometer / inductively coupled plasma atomic emission spectrometer (ICP + AES) UV-VIS spectrophotometer

## Characteristics:

Operating Temperature : -55°C to +125°C  
Minimum Shrink Temperature : 70°C  
Shrink Ratio : 3:1 and 4:1  
Standard Colour : 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 (%)		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	1 × 10 <sup>14</sup>
Copper Stability	ASTM D 2671	Pass
Corrosion	UL224	No corrosion

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