

# HellermannTyton

## DATA SHEET

## HA46: Heat-Shrinkable Tubing

### DESCRIPTION

An adhesive lined cross linked heavy wall, heatshrink, polyolefin tubing having a shrink ratio of 4:1 with a nominal longitudinal change of -25% and an operating temperature range of -55°C to +80°C.

### APPLICATION

The toughness and weatherability of the tubing makes it well suited to exposed applications.

### PROPERTIES

#### TUBING

Properties	Typical Results	Test Method
Tensile Strength	14 MPa	IEC 540
Elongation	400%	IEC 540
Dielectric Strength	20 kV/mm	ASTM D2671
Water Absorption at 25°C	< 0.2%	ASTM D570
Solvent Resistance MIND Compound Insulating Oil Paraffin Bitumen	Excellent Very Good Very Good Excellent	
Volume Resistivity	$1 \times 10^{14}$ Ohm cm	ASTM D 257
Thermal Shock	Pass	ASTM D2671
Standard Colour	Black	

### ADHESIVE

Properties	Typical Results	Test Method
Softening Point	85°C	ASTM D E8
Peel Strength	10N/25mm	DIN 30672
Dielectric Strength	20 kV/mm	ASTM D2671
Water Absorption at 25°C	< 0.2%	ISO 62

### STANDARDS

Approved to: N/A

Conforms to: N/A

**Issue 3**

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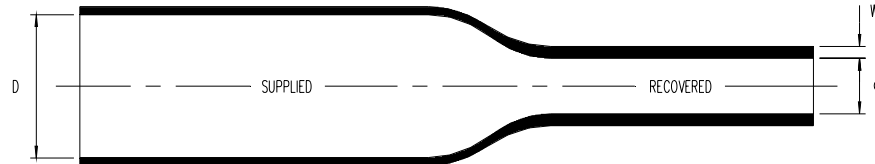
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## DIMENSIONS



Hellermann Part No	Bore as supplied, minimum (mm) D	Bore recovered, maximum (mm) d	Wall Thickness (mm) W
33-8	33.0	8.0	3.2