

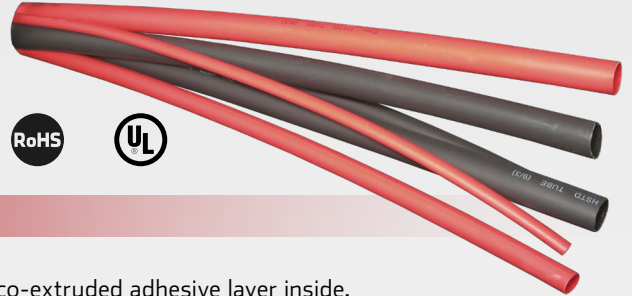
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Dual Wall Glued  
Heatshrink 3:1 Ratio

#HSD



**DESCRIPTION**

Dual wall heat shrink is a general purpose heatshrink tubing which has a co-extruded adhesive layer inside. Its primary function is to provide environmental protection to cable joints while remaining flexible. This tubing is 3:1 in shrink ratio thus requiring fewer sizes to cover your cable range. Dual wall heatshrink conforms to military specifications.

**TECHNICAL SPECIFICATIONS**

**GENERAL SPECIFICATIONS**

Material	• Polyolefin and hot-melt adhesive
Temperature Range	• -55°C to 110°C
Shrink Temperature	• 80°C (minimum)
Recovery Temperature	• 120°C (minimum)

**HOT-MELT ADHESIVE SPECIFICATIONS**

Water Absorption	• ASTM D570: ≤ 0.2%
Softening Point	• ASTM E28: 90 +/- 5 °C
Strength of Pairing (PE)	• ASTM D 1000: 120N/25mm
Strength of Pairing (AL)	• ASTM D 1000: 80N/25mm

**ELECTRICAL RESISTANCE**

Dielectric Strength	• IEC243: ≥ 15kV/mm
Volume Resistance	• ASTM D876: ≥ 1x10 <sup>14</sup> Ohm/cm

**PHYSICAL RESISTANCE**

UV Stable	• Yes
Flame Retardant	• Yes
Tensile Strength	• ASTM D2671: ≥ 14MPa
Elongation %	• ASTM D2671: ≥ 400%
Tensile Strength (After Aging)	• UL224 158°C x 168hr: ≥ 12MPa
Elongation % (After Aging)	• UL224 158°C x 168hr: ≥ 300%

**PART NUMBERS**

Part No.	Colour	Length	As Supplied	After Recovered		
			I.D	I.D	Wall Thickness	Adhesive Thickness
HSD55			• 55mm	• 16mm	• 2.50 +/- 0.30mm	• 0.80 +/- 0.15mm
HSD60	• Black	• 1m	• 60mm	• 20mm	• 2.50 +/- 0.35mm	• 0.80 +/- 0.15mm
HSD75			• 75mm	• 22mm	• 2.90 +/- 0.30mm	• 0.80 +/- 0.15mm