

Alco

Medium Wall Heatshrink



FEATURES:

Purpose	Heatshrink is ideally used for heavy duty and general purpose use i.e. electrical insulation, termination, splicing, bundling, cable protection and strain relief
Applications	Suitable for waterproof cable joints and terminations
Features	Low shrink temperature and flame retardant Flexible and UV resistant Glue lined and waterproof for greater mechanical strength
Shrink Temperature	Above 110°C
Shrink Ratio	Radial Shrinking Ratio: > 50% Longitudinal Shrinking Ratio: < 10%
Tensile Strength	15.5 MPa
Elongation at Break	580%
Material	
Operating Temperature	-55°C to +125°C

TECHNICAL DATA:

PROPERTY	TEST METHOD	TYPICAL DATA
Tensile strength(MPa)	ASTM D2671	≥14
Elongation (%)	ASTM D2671	≥400
Density (g/cm³)	ASTM D792	1.20
Longitudinal change (%)	UL 224	≤ ± 10
Elongation after aging (%)	UL224 158°C X 168hrs	≥300
Heat shock	UL224 225°C X 4hrs	No cracking
Dielectric strength (kV/mm)	IEC243	≥20
Volume resistivity (Ω.cm)	IEC93	≥1014
Water absorption (%)	ASTM-D570	≤0.15%
HOT MELTING PROPERTY		
PROPERTY	TEST METHOD	TYPICAL DATA
Water absorption	ASTM- D570	≤0.2%
Softening point	ASTM- E8	95°C
Peel strength (PE)	ASTM- D1000	120N/25mm
Peel strength (AL)	ASTM- D1000	80N/25mm

SPECIFICATIONS:

PART NUMBER	DIAMETER AS SUPPLIED (MM)	FULLY RECOVERED DIAMETER AFTER HEATING (MM)	FULLY RECOVERED WALL THICKNESS (MM)	COLOUR	LENGTH (M)
HSMWGL10/3L	10.0	3.0	1.75	black	1.2
HSMWGL16/5L	16.0	5.0	1.90	black	1.2
HSMWGL25/8L	25.0	8.0	2.45	black	1.2
HSMWGL35/12L	35.0	10.0	2.70	black	1.2
HSMWGL50/16L	52.0	16.0	2.80	black	1.2
HSMWGL85/25L	85.0	25.0	3.30	black	1.2
HSMWGL115/34L	115.0	34.0	3.70	black	1.2
HSMWGL140/42L	140.0	42.0	3.70	black	1.2

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