

RTW Medium Wall Tubing

APPLICATIONS:

RTW Heat Shrink tubes provide a cost effective and long lasting solution for replacement of oversheaths and insulations for all types of low voltage power distribution, control and supervisory cables. The tubes are available with and without Hot Melt adhesive.

GENERAL PRODUCT PROPERTIES:

- High Shrink Ratio – Up to 3.5:1
- Suitable for above ground and buried applications
- Provides mechanical strain relief
- Tubing with hot melt adhesive lining provides excellent waterproofing and environmental sealing
- Suitable for Polyethylene, PVC and Lead sheathed cable
- Operating temp: -55°C to +110°C



SPECIFICATIONS :

In-accordance and Compliance to:
BS EN 7933-2 : 2007, HD 631.2:2007

PRODUCT DIMENSIONS:

RTW Medium Wall Tubing with/without Hot Melt Adhesive Lining



Part Number	Min. Expanded ID As Supplied	Max. Recovered ID	Nominal Recovered Wall Thickness	Standard Pack of 1.2 or 1 metre length
RTW 12/4	12 mm	4 mm	2.8 mm	60 lengths
RTW 22/7	22 mm	6 mm	3.2 mm	30 lengths
RTW 40/12	40 mm	12 mm	4.0 mm	30 lengths
RTW 54/16	54 mm	16 mm	4.0 mm	30 length
RTW 72/22	72 mm	22 mm	4.0 mm	20 lengths
RTW 90/26	90 mm	26 mm	4.0 mm	20 lengths
RTW 130/37	130 mm	37 mm	4.2 mm	15 lengths
RTW 160/45	160 mm	55 mm	4.2 mm	15 lengths
RTW 205/65	205 mm	65 mm	4.2 mm	15 lengths

Order Details – Part Number /length/A=Adhesive Lined U=Unlined. ie – RTW22/7/1.2/A
Note: Special cut Lengths available on request

PRODUCT TECHNICAL DATA

PROPERTIES	TEST METHOD	TYPICAL VALUE
Physical:		
Tensile Strength	ASTM D 638	12 N/mm ²
Elongation at Break	ASTM D 638	400%
Longitudinal Change	ASTM D 2671	+ 0%, - 10% Maximum
Secant Modulus 2%	ASTMD882	<175 N/mm ²
Thermal:		
Continuous Operating Temperature	IEC216	-55°C to +110°C
Minimum Shrink Temperature		>120°C
Thermal Shock	ASTM D2671-746	No Damage
Cracking low Temperature	ASTM D 2671	>55 °C
Flammability	ASTMD867	Not self extinguishing
Chemical:		
Mould Resistance	ASTM G21-D638	No Growth
Oil Resistance	ISO 175	Excellent
Environment resistance	ASTM D1693	No Damage
Electrical :		
Dielectric Strength	ASTM D 149	15kV / mm
Volume Resistivity	ASTM D 257	>1x10 ¹² ohm.cm

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