

# ADHESIVE MEDIUM WALL TUBING

## MWT



MWT is a Medium Wall Heat Shrink Tubing with hot melt adhesive, having properties of excellent insulating, environmental sealing, resistant to impact and abrasions. It is designed for applications to seal and protect electrical splices, cable termination and joint kits where electrical insulation and waterproofing are required. A 3:1 shrink ratio allows it to easily fit over irregular shapes and large connectors.

### Features

- Flame retardant
- Rated voltage 1000V
- Operating temperature: -55°C to 110°C
- Shrink temperature: 120°C
- Excellent abrasion and impact resistant
- High electrical insulation
- Resistant to UV

CATALOGUE NO	AS SUPPLIED	AFTER RECOVERY		STANDARD LENGTH (mm)
	Internal Diameter (mm)	Internal Diameter Max (mm)	Wall Thickness Nom (mm)	
MWT8/2	8	2	1.7	1200
MWT12/3	12	3	2.0	1200
MWT16/5	16	5	2.5	1200
MWT22/6	22	6	2.5	1200
MWT28/6	28	6	2.5	1200
MWT33/8	33	8	2.5	1200
MWT40/12	40	12	2.5	1200
MWT55/16	55	16	2.8	1200
MWT75/22	75	22	3.0	1200
MWT85/25	85	25	3.0	1200
MWT115/34	115	34	3.3	1200
MWT140/42	140	42	3.5	1200

\*\* Standard Colour: Black

\*\* Uncoated MWT available in 16/5, 22/6, 28/6, 40/12, 55/16 and 75/22

# ADHESIVE MEDIUM WALL TUBING (MWT)

PROPERTY OF JACKET		
PROPERTY	TEST METHOD	TYPICAL DATA
Tensile Strength (Mpa)	ASTM D2671	>14 Mpa
Ultimate Elongation	ASTM D2671	>400%
Longitudinal Shrinkage	UL 224	0 - -10%
Density	ASTM D792	1.05g/cm <sup>3</sup>
Heat Ageing	158°C, 168 hrs	-
Tensile Strength	-	>12 Mpa
Ultimate Elongation	-	>300%
Dielectric Strength	IEC 243	>18kV/mm
Volume Resistance	IEC 93	>1013Ω.cm
Copper Stability	ASTM D2671	Pass
Copper Corrosion	ISO 62/23°C, 14 Days	<0.15%

PROPERTY OF ADHESIVE		
TEST ITEM	TEST MEHTOD	TEST RESULT
Water Absorption	ISO 62	<0.2%
Softening Point	ASTM E28	85±5°C
Peel Strength (PE)	DIN 30672	4 N/cm
Resistance to Fungus and Decay	ISO 846	Pass