



# Heat Shrink Tubing

## MDT-A Medium Wall Adhesive Coated Tubing

### Data Sheet

#### Product Description

MDT-A is a specially designed medium wall tubing which provides tough and flexible insulation and is ideal for the protection of cable joints and terminations. MDT-A is lined with a specially designed adhesive, which is applied during the tubing's extrusion process. This achieves a very smooth adhesive layer, which ensures excellent sealing properties. MDT-A meets the requirements of VDE 0278 part 3. The adhesive lining makes it especially suitable for underground cable joint applications. For Offshore and Naval applications, a modified MDT approved by Det Norske Veritas is available (MDT-A-F471).

#### Technical Features

Continuous operating temperature range:	-35°C to +130°C Outer wall only	Shrink ratio:	Up to 4.5 : 1
Base material:	Polyolefin	Shrink temperature:	135°C (min)
Flammability	Self extinguishing (outer wall only) size 27.0 and above	Longitudinal change:	-10% max
Tensile strength:	19 N/mm <sup>2</sup> total wall	Dielectrical strength	110 kV/cm
Specifications:	VDE 0278 Part 3 Germanischer Lloyd Type S	Lloyds Register of Shipping	

Note: Det Norske Veritas version available (MDT-A-F471)

#### Ordering Information Type MDT-A

Bore as supplied minimum (mm)	Bore recovered maximum (mm)	Wall thickness fully recovered total wall (mm)	Wall thickness fully recovered meltable wall (mm)	Standard pack 1.0M length (M)	Standard Colour
12.0	3.0	2.5	0.7	100	Black
19.0	6.0	3.3	0.8	100	
27.0	8.0	3.3	0.8	100	
32.0	7.5	3.3	0.8	100	
38.0	12.0	3.3	0.8	75	
50.0	18.0	3.3	0.8	75	
70.0	26.0	3.3	0.8	50	
90.0	36.0	3.3	0.8	50	
120.0	40.0	3.3	0.8	25	

#### Important Notice

Technical information provided by 3M is based on experience and/or tests believed to be reliable, but their accuracy is not guaranteed and the results may not be relevant to every user's application. For this reason 3M does not accept responsibility or liability, direct or consequential, arising from reliance upon any information provided and the user should determine the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. All questions of liability relating to 3M products are governed by the seller's terms of sale subject where applicable to the prevailing law. If any goods supplied or processed by or on behalf of 3M prove on inspection to be defective in material or workmanship, 3M will (at its option) replace the same or refund to the Buyer the price paid for the goods or services. Except as set out above, all warranties and conditions,

**3M UK PLC**  
**Electrical Products**  
 3M Centre, Cain Road  
 Bracknell, Berkshire RG12 8HT  
 Telephone: 01344 858616  
 Fax: 01344 858758

**3M Ireland**  
**Sales Office**  
 3M House, Adelphi Centre  
 Dun Laoghaire, Co Dublin, Ireland  
 Telephone: 353 1 280 3555  
 Fax: 353 1 280 3509

**3M UK PLC**  
**Sales Office**  
 PO Box 393  
 Bedford MK41 0YE  
 Telephone: 01234 229462  
 Fax: 01234 229433



# Heat Shrink Tubing

## MDT-A Medium Wall Adhesive Coated Tubing

### Data Sheet

---

whether express or implied, statutory or otherwise are excluded to the fullest extent permissible at law. 3M is a trademark of the 3M Company. Printed in the UK. © 3M United Kingdom PLC, 2003.

---

**3M UK PLC**  
**Electrical Products**  
3M Centre, Cain Road  
Bracknell, Berkshire RG12 8HT  
Telephone: 01344 858616  
Fax: 01344 858758

**3M Ireland**  
**Sales Office**  
3M House, Adelphi Centre  
Dun Laoghaire, Co Dublin, Ireland  
Telephone: 353 1 280 3555  
Fax: 353 1 280 3509

**3M UK PLC**  
**Sales Office**  
PO Box 393  
Bedford MK41 0YE  
Telephone: 01234 229462  
Fax: 01234 229433