



3M™ HDT - A - Adhesive Lined Heavy Duty Polyolefin

HDT-A is thick wall polyolefin tubing. The toughness and weather ability of the tubing make it well suited for exposed applications. HDT-A is supplied with a specially designed hot melt adhesive layer. The adhesive is applied during extrusion of the tubing thus achieving a very smooth, constant adhesive layer, which ensures excellent sealing properties. Shrink ratio: Up to 4 : 1

HDT-A meets the longitudinal sealing requirements of VDE 0278 part 3 and is, therefore, ideal for sealing underground or exposed inline joints and terminations.

Supplied in 1 metre pieces. Continuous operating temperature range: -55°C to 130°C, outer wall only. Available in black.

Bore Supplied min	/	Bore Recovery Max
12mm		3mm
19mm		6mm
30mm		8mm
38mm		12mm
48mm		15mm
85mm		26mm
115mm		38mm



Low Voltage (up to 1kV) 91-AH (A) Series for Crimp Connectors

Application

91-AH (A) Series has been developed to offer an easy method for jointing low voltage polymeric insulated cables thus ensuring a moisture sealed connection. The kit consists of the appropriate inner tubes, other tubes and a user-friendly installation drawing. Kits suitable for shielded and armoured cables also include constant force springs and a copper sleeve for armour continuity. Kits are designed for a wide range of cable cross-sections optimizing stock holding. The 91-AH(A) Series can be used with all common crimp connectors and also for splicing with phase crossing.

Technical Features

The 91-AH(A) Kits are made from cross linked polyolefin tubing, which is internally coated with hot melt adhesive. As the adhesive melts and the sleeve shrinks, a perfect watertight seal is formed. Each kit contains all the necessary tubings and an appropriate instruction sheet outlining the different steps of jointing installation. The outer sleeve is manufactured from heavy duty, thick wall, flame retardant tubing.

- Quick and easy installation
- Kits designed to accommodate a wide range of cross sections up to 300mm²
- Excellent moisture sealing
- Flame retardant tubing
- Kits available for both 4 and 5 core cables
- Kits also available for shielded and armoured cables

(Cross section in mm ²)	Non Shielded Cable	Shielded/Armoured Cable	(Cross section in mm ²)
5 x 1.5 to 5 x 6	91-AH-20-5S	-	-
5 x 6 to 5 x 16	91-AH-21-5S	-	-
4 x 6 to 4 x 25*	91-AH-21-S*	91-AHA-21-S	4 x 6 to 4 x 16
4 x 35 to 4 x 50	91-AH-22-S*	91-AHA-22-S	4 x 25 to 4 x 35
4 x 70 to 4 x 95*	91-AH-23-S*	91-AHA-23-S	4 x 50 to 4 x 70
4 x 95 to 4 x 150	91-AH-24-S	91-AHA-24-S	4 x 95 to 4 x 150
4 x 185 to 4 x 300*	91-AH-25-S*	91-AHA-25-S	4 x 185 to 4 x 240

*The majority of cable cross-sections can be covered with these 3 kits