



A division of CSA Technical Solutions, LLC
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3:1 Medium Wall Adhesive Lined Heat Shrink Tubing | 4 Ft

Use 3:1 medium wall adhesive lined heat shrinkable tubing for direct burial of heavy duty electrical cable, where environmental protection is necessary. Tubing is supplied with an adhesive layer, adding a water tight seal to the strain relief the tubing provides. When exposed to heat (usually a bit lower than the activation temperature of the heat shrink), the inner layer begins to flow (just like a hot melt glue). When the tubing shrinks and cools down, the inner layer forms an adhesion layer between the tubing and the component or wire. This provides a watertight seal, protecting the connector and/or wire in direct burial and submersed applications. Crosses to: Canusa CFM, 3M IMCSN, 3M MDT, Tyco Raychem RMW, LG PMWT

Features:

- 3:1 Shrink Ratio with melt adhesive inner lining (shrinks to 1/3 its original diameter)
- Longitudinal Shrinkage: up to 10%
- Meets requirements of AMS-DTL-23053/15 (formerly MIL-I-23053/15), Class 2
- UL 224 VW-1 flame retardant (jacket only)
- Maximum Continuous use temperature 110°C
- Shrink Temperature of 120°C and operating temperature of -55°C to + 110°C
- Crosses to: Canusa CFM, 3M IMCSN, 3M MDT, Tyco Raychem RMW, LG PMWT
- Typical applications include: Electrical insulation - Ideal for exposed or underground applications providing good insulation, waterproofing and mechanical protection. Also suitable for Mechanical and abrasion protection, Physical/Electrical Protection of Components, Strain Relief, and Solder Insulation.

Dimensions

Part Number	Mil Specification #	Diameter	ID Before Shrink	Max ID after shrinking	Wall After Shrink (jacket)	Wall After Shrink(adhesive)
HS3AM-0375	AMS-DTL-23053/15-201	3/8"	0.394"	0.118"	0.039"	0.01"
HS3AM-0625	-	5/8"	0.630"	0.197"	0.055"	0.012"
HS3AM-100	-	1"	0.984"	0.315"	0.079"	0.014"
HS3AM-1375	AMS-DTL-23053/15-203	1.3"	1.378"	0.372"	0.079"	0.014"
HS3AM-150	AMS-DTL-23053/15-205	1.5"	1.50"	0.5"	0.1"	0.02"
HS3AM-200	AMS-DTL-23053/15-208	2"	1.969"	0.63"	0.079"	0.014"
HS3AM-250	-	2.5"	2.480"	0.748"	0.095"	0.016"

HS3AM-300	-	3"	2.953"	0.866"	0.106"	0.016"
HS3AM-335	-	3.35"	3.346"	0.984"	0.11"	0.016"
HS3AM-375	-	3.75"	3.740"	1.142"	0.122"	0.018"
HS3AM-450	-	4.5"	4.528"	1.339"	0.122"	0.018"
HS3AM-550	-	5.5"	5.512"	1.654"	0.122"	0.018"