



A division of CSA Technical Solutions, LLC
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Heat Shrink Tubing Dual Wall Adhesive Lined 4:1 Ratio

Our 4:1 heat shrink tubing is also available with a "dual-wall" construction. 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.

Features:

- 4:1 Shrink Ratio with melt adhesive inner lining (shrinks to 1/4 its original diameter)
- Longitudinal Shrinkage: up to 15%
- Meets requirements of AMS-DTL-23053/4 (formerly MIL-I-23053/4), Class 3
- UL 224 [VW-1](#) and CSA OFT recognized
- Maximum Continuous use temperature 135°C
- Shrink Temperature of 100°C and operating temperature of -55°C to + 135°C
- Crosses to: Sumitomo W3B2(4X), Raychem ATUM 4X, LG GSHS-4635WT
- Typical applications include: Insulation, Wire Identification, Wire Bundling, Mechanical Protection, Color Coding, Lightweight Harnessing, Physical/Electrical Protection of Components, Strain Relief, and Solder Insulation.

Dimension

Part Number	Nominal	Min ID Before Shrinking	Max ID After Shrinking	Length*
HS4A-0188	3/16"	0.1575	0.039	4'
HS4A-0313	5/16"	0.3150	0.079	4'
HS4A-050	1/2"	0.4724	0.118	4'
HS4A-0625	5/8"	0.6299	0.157	4'
HS4A-100	1"	0.9449	0.2362	4'
HS4A-125	1-1/4"	1.2598	0.3150	4'
HS4A-200	2"	2.0472	0.5118	4'

*Also available in reels, and precut pieces. Please inquire.