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Adhesive Lined Heat Shrink Tubing 3:1 Ratio Cut pieces

Our 3:1 adhesive lined (Dual Wall) heat shrink pre cut pieces is also available with a "dual-wall" construction. It is called dual wall because it is actually made up of two different materials together. One wall - the outer wall - is Polyolefin heat shrink. The second wall (hence the name "dual wall") - the inner wall - is a hot melt adhesive. 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, inner layer forms an adhesion layer between the tubing and the component or wire. This provides a water-tight seal, protecting the connector and/or wire. It also allows the tubing to stick to the substrate. This is why this tubing is also called adhesive lined heat shrink tubing.

Features:

- 3:1 Shrink Ratio with melt adhesive inner lining (shrinks to 1/3 its original diameter)
- Up to 15% longitudinal shrinkage
- Meets requirements of AMS-DTL-23053/4 (formerly MIL-I-23053/4), Class 3
- UL224 VW-1 approved Jacket only (select colors. Inquire with us for file information)
- CSA OFT approved
- Maximum use temperature 135°C
- Shrink Temperature of 90°C and operating temperature of -55°C to + 110°C
- Crosses to: Sumitomo W3B2, Raychem ATUM, Alpha FIT-321, 3M EPS-300, Canusa CPA-100 ,LG GSHS-3635W
- Typical applications include: Insulation, Wire Identification, Wire Bundling, Mechanical Protection, Color Coding, Lightweight Harnessing, Physical/Electrical Protection of Components, Strain Relief, and Solder Insulation.

This is the same product as our 3:1 Adhesive lined heat shrink, sold in precut pieces.

Dimensions

Diameter	Mil Specification #	Manufacturer Part #	ID Before Shrink	Max ID after shrinking	Wall After Shrink(Total)	Wall After Shrink(Adhesive)	Bag
1/8"	AMS-DTL-23053/4-301	HS3A-0125	0.120"	.040"	0.04"	0.013"	1000 PCS/BAG
3/16"	AMS-DTL-23053/4-0188	HS3A-0188	0.180"	.060"	0.04"	0.017"	1000 PCS/BAG
1/4"	AMS-DTL-23053/4-302	HS3A-025	0.240"	.080"	0.04"	0.02"	500 PCS/BAG
3/8"	AMS-DTL-23053/4-0375	HS3A-0375	0.360"	.120"	0.05"	0.022"	500 PCS/BAG
1/2"	AMS-DTL-23053/4-303	HS3A-050	0.470"	.160"	0.06"	0.027"	500 PCS/BAG
3/4"	AMS-DTL-23053/4-075	HS3A-075	0.750"	.250"	0.08"	0.037"	250 PCS/BAG
1"	AMS-DTL-23053/4-304	HS3A-100	0.940"	.320"	0.087"	0.037"	100 PCS/BAG
1-1/2"	AMS-DTL-23053/4-305	HS3A-150	1.570"	.440"	0.09"	0.037"	100 PCS/BAG