



A division of CSA Technical Solutions, LLC
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3:1 Semi-Rigid Wall Adhesive Lined Heat Shrink Tubing

Our 3:1 ratio semi-rigid dual wall polyolefin heat shrinkable tubing is also available with a "melt-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, 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.

Features:

- Operating Temperature: -55^oC to 110^oC
- Shrink Temperature: 120^oC
- Shrink Ratio: 3 to 1
- Longitudinal Shrinkage: up to 15%

Specifications/Approvals:

- Military: AMS-DTL 23053/4 Class 1 (Formerly Mil-I-23053/4)
- Underwriters Lab: UL 224 600V, 125°C, VW-1, (Jacket only), CSA
- Crosses to: Sumitomo W5DL, Raychem SCL, Alpha FIT-300, 3M MW, Canusa CPA-300, LG GSHS-3625WS

Dimension

Part Number	Size	Expanded		Recovered					
		Internal Diameter Min		Internal Diameter Max		Minimum Total Wall Thickness (Total Wall)		Minimum Wall Thickness (Adhesive Wall)	
		in	mm	in	mm	in	mm	in	mm
HS3AR-0125	1/8"	0.125	3.2	0.023	0.58	0.038	0.97	0.020	0.50
HS3AR-0188	3.16"	0.187	4.8	0.060	1.52	0.043	1.9	0.025	0.63
HS3AR-025	1/4"	0.250	6.4	0.080	2.03	0.047	1.19	0.027	0.68
HS3AR-0375	3/8"	0.375	9.5	0.135	3.43	0.050	1.27	0.030	0.76
HS3AR-050	1/2"	0.500	12.7	0.195	4.95	0.055	1.40	0.035	0.89
HS3AR-075	3/4"	0.750	19.1	0.313	7.95	0.065	1.65	0.040	1.02
HS3AR-100	1"	1.000	25.4	0.400	10.2	0.075	1.91	0.040	1.02