

HEAT SHRINKABLE POLYOLEFIN

VERY FLEXIBLE • THIN-WALL • 2:1

HLT is a very flexible thin-wall heat-shrinkable tubing. Made from flame-retardant polyolefin, this low-shrink temperature product is used for insulation, identification, strain relief, wire bundling, and color coding. It is a highly reliable, general-purpose tubing.

Applicable Specifications: SAE-AMS-DTL-23053/5, Class 1 & 3
 UL/CUL File Number: E52612 (VW-1)
 Operating Temperature Range: -67°F (-55°C) to 275°F (135°C)
 Shrink Ratio: 2 to 1
 Shrink Temperature: 176°F (80°C)
 Recommended Heat Gun: 500°F (260°C)
 Standard Colors: Black or White
 Other colors available - consult factory
 Standard Shipping Length: Spooled

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness		Std. Spools ft / spool
	inches	mm	inches	mm	inches	mm	
HLT-3/64	0.046	1.17	0.023	0.58	0.016	0.40	1000
HLT-1/16	0.063	1.60	0.031	0.79	0.017	0.43	1000
HLT-3/32	0.093	2.36	0.046	1.17	0.020	0.50	500
HLT-1/8	0.125	3.18	0.063	1.60	0.020	0.50	500
HLT-3/16	0.188	4.76	0.093	2.36	0.020	0.50	500
HLT-1/4	0.250	6.35	0.125	3.18	0.025	0.63	250
HLT-3/8	0.375	9.53	0.188	4.76	0.025	0.63	200
HLT-1/2	0.500	12.70	0.250	6.35	0.025	0.63	150
HLT-3/4	0.750	19.05	0.375	9.53	0.030	0.76	250
HLT-1"	1.000	25.40	0.500	12.70	0.035	0.89	250

HEAT SHRINKABLE POLYOLEFIN

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HLT3X is a specially formulated, cross-linked polyolefin with a low recovery temperature, 3:1 shrink ratio and high flame-retardance (VW-1). Its enhanced flexibility makes it perfect for electrical insulation and strain relief of commercial wire terminations and electrical connections. In addition to light-duty harnessing and jacketing, **HLT3X** is ideal for identification wires, cables and electrical and electronic components. The soft surface of this material easily accepts the print of most hot stamping and thermal marking machines.

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 Shrink Temperature: 176°F (80°C)
 Recommended Heat Gun: 500°F (260°C)
 Standard Colors: Black or White
 Standard Shipping Length: Spooled

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness		Std. Spools ft / spool
	inches	mm	inches	mm	inches	mm	
HLT3X-3/32	0.093	2.36	0.031	0.79	0.023 +/- 0.003	0.58 +/- 0.08	100, 500
HLT3X-1/8	0.125	3.18	0.042	1.06	0.023 +/- 0.003	0.58 +/- 0.08	100, 500
HLT3X-1/4	0.250	6.35	0.083	2.12	0.023 +/- 0.003	0.58 +/- 0.08	100, 250
HLT3X-3/8	0.375	9.53	0.125	3.18	0.024 +/- 0.003	0.61 +/- 0.08	100, 200
HLT3X-1/2	0.500	12.70	0.166	4.23	0.024 +/- 0.003	0.61 +/- 0.08	100, 150
HLT3X-3/4	0.750	19.05	0.250	6.35	0.024 +/- 0.003	0.61 +/- 0.08	100, 250
HLT3X-1"	1.000	25.40	0.333	8.47	0.024 +/- 0.003	0.61 +/- 0.08	100, 250