

HEAT SHRINKABLE PTFE WITH MELTABLE FEP LINER



HTIM consists of an outer layer of PTFE heat shrink with an inner layer of FEP tubing. When properly heated, the PTFE shrinks tightly over the substrate and the FEP melts to encapsulate the product, providing a tight, moisture resistant seal.

Operating Temperature Range: -100°F (-73°C) to 450°F (232°C)
 Shrink Ratio: See table below
 Shrink Temperature: 680°F (360°C)
 Recommended Heat Gun: 750°F (400°C)
 Standard Colors: Translucent to Opaque
 Standard Shipping Length: 4 Foot Lengths

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Expanded Wall Thickness		Approximate Weight	
	inches	mm	inches	mm	inches	mm	lb/ft	kg/m
HTIM-1/32	0.036	0.91	0.000	0.00	0.023 +/- 0.005	0.584 +/- 0.127	0.004	0.006
HTIM-1/16	0.060	1.52	0.000	0.00	0.028 +/- 0.005	0.711 +/- 0.813	0.005	0.007
HTIM-1/8	0.130	3.30	0.000	0.00	0.032 +/- 0.005	0.813 +/- 0.127	0.018	0.027
HTIM-5/32	0.160	4.06	0.000	0.00	0.032 +/- 0.005	0.813 +/- 0.127	0.021	0.031
HTIM-3/16	0.190	4.83	0.062	1.57	0.035 +/- 0.005	0.889 +/- 0.127	0.025	0.037
HTIM-1/4	0.250	6.35	0.125	3.18	0.035 +/- 0.005	0.889 +/- 0.127	0.031	0.046
HTIM-3/8	0.350	8.89	0.190	4.83	0.035 +/- 0.005	0.889 +/- 0.127	0.042	0.062
HTIM-1/2	0.450	11.43	0.312	7.92	0.055 +/- 0.005	1.400 +/- 0.127	0.091	0.135
HTIM-3/4	0.700	17.78	0.440	11.18	0.055 +/- 0.005	1.400 +/- 0.127	0.131	0.195
HTIM-1"	0.950	24.13	0.680	17.27	0.065 +/- 0.005	1.650 +/- 0.127	0.178	0.265

HEAT SHRINKABLE LAYFLAT PVC

SEMI-RIGID • THIN-WALL (0.004", 0.006") • 2:1



HLF PVC heat-shrink tubing is a thin-wall, low-cost material offering good electrical and mechanical characteristics. This specially formulated polyvinyl chloride material will shrink rapidly and uniformly, conforming to the shape of the object to be covered. Applications include wire and cable identification, insulation, and jacketing of capacitors or similar objects where protective covering is required. Widely used to hold groups of batteries together to form "battery packs."

HLF is available with a 0.004" (0.010 mm) or 0.006" (0.015 mm) wall thickness - please specify when ordering.

Operating Temperature Range: -4°F (-20°C) to 212°F (100°C)
 Shrink Ratio: 2 to 1
 Shrink Temperature: 275°F (135°C)
 Recommended Heat Gun: 500°F (260°C)
 Standard Colors: White, Black, or Clear
 Standard Shipping Length: Spooled

Catalog Number Size	Minimum Expanded I.D.		Std. Spools
	inches	mm	ft / spool
HLF-19	0.748	19.00	50, 250
HLF-23	0.906	23.00	50, 250
HLF-33	1.300	33.00	50, 250
HLF-42	1.654	42.00	50, 250
HLF-48	1.890	48.00	50, 250
HLF-54	2.126	54.00	50, 250
HLF-58	2.283	58.00	50, 250
HLF-66	2.598	66.00	50, 250
HLF-72	2.835	72.00	50, 250
HLF-83	3.268	83.00	50, 250
HLF-92	3.622	92.00	50, 250
HLF-103	4.055	103.00	50, 250
HLF-112	4.409	112.00	50, 250
HLF-161	6.339	161.00	50, 250

Other sizes and colors available - subject to factory minimums.