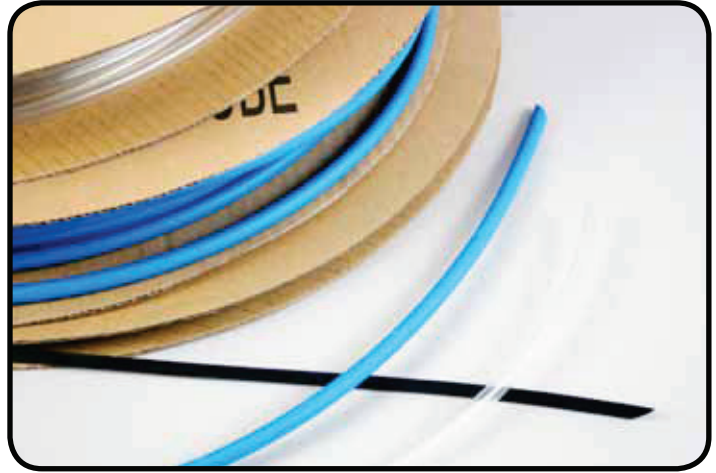


CB-HFT(1000) MIL/UL NON-ADHESIVE HEAT SHRINKABLE TUBING

CB-HFT(1000) is MIL Spec, non-adhesive, low-smoking, halogen-free 2:1 polyolefin cross-linked heat shrinkable tubing that is designed to meet the specialized requirements of the automotive industry. It has good resistance to oil and is an excellent insulator. This material is very flexible and has excellent mechanical strength, so it is suitable for a wide range of applications including automotive oil pipes, electronics insulation, wire protection, and any place protection is needed in extreme environments.



Certificate: UL, CUL, F-mark, Sony Green
Partner Standard: UL224, AMS-DTL-23053/5

SPECIFICATIONS

Specifications of HFT(1000):

Item	Test method	Standard	Specifications
Operating Temperature Range			-55°C - +135°C
Shrink Temperature			+100 °C - +140°C
Tensile Strength (MPa)	ASTM D638	≥10.4MPa	14.1MPa
Elongation at Break	ASTM D638	≥200%	329%
Dielectric Strength	ASTM D2671	≥19.7kv/mm	26kv/mm
Volume Resistance	ASTM D876	≥1×10 ¹²	3.6×10 ¹⁴
Longitudinal Change		-5% ~ +5%	-4%
Radial Shrink Ratio		≥50%	66%
Concentricity		≥50%	73%
Aging in Circulating – Air Oven	175±2°C, 168hrs		
Tensile Strength	ASTM D638	≥6.9MPa	9.5MPa
Dielectric Strength	ASTM D2671	≥15.8kv/mm	24kv/mm
Heat Shock	250±3℃/4hrs	No dropping, No flow, No cracking	pass
Copper corrosion	ASTM D2671	175±2℃/168hrs	No corrosion

SIZE OF HFT (1000)

Size in inches (Reel size in ft)	Inside diameter		Wall thickness after recovery (in inches)
	Min ID As supplied (in inches)	Max ID After recovery (in inches)	
1/16 (500 ft)	.0625	0.3125	0.017±0.003
3/32 (500 ft)	.09375	0.046875	0.02±0.003
1/8 (500 ft)	.125	.0625	0.02±0.003
3/16 (250 ft)	.1875	.09375	0.02±0.003
1/4 (250 ft)	.25	.125	0.025±0.003
3/8 (200 ft)	.375	.1875	0.025±0.003
1/2 (200 ft)	.5	.25	0.025±0.003
3/4 (100 ft)	.75	.375	0.03±0.003
1 (100 ft)	1	.5	0.035±0.005
1-1/2 (100 ft)	1.5	.75	0.04±0.006
2 (100 ft)	2	1	.0449±0.007