



HST

Materials
For Industry

Features

- Flame retardant
- Resistant to common fluids and solvents
- Meets UL 224, 125°C
- Mil-I-23053/5, Class 1&2
- Continuous Operating Temperature: -55°C to 135°C
- Shrink Temperature: 120°C



**2:1 Flexible
Polyolefin**

Applications

A general purpose electrical insulation grade heat shrink tubing, suitable for applications requiring UL / Military approvals.

HST 2:1 Flexible Polyolefin Tubing					
PART NUMBER	NOMINAL SIZE	EXPANDED SIZE	RECOVERED SIZE	WALL THICKNESS	SPOOL PUT-UPS
HST-3/64-XXX	3/64	.043	.021	.017	1000 FT
HST-1/16-XXX	1/16	.063	.031	.017	1000 FT
HST-3/32-XXX	3/32	.093	.046	.020	500 FT
HST-1/8-XXX	1/8	.125	.062	.020	500 FT
HST-3/16-XXX	3/16	.187	.093	.020	200 FT
HST-1/4-XXX	1/4	.250	.125	.025	200 FT
HST-3/8-XXX	3/8	.375	.187	.025	200 FT
HST-1/2-XXX	1/2	.500	.250	.025	200 FT
HST-3/4-XXX	3/4	.750	.275	.030	100 FT
HST-1-XXX	1	1.00	.500	.030	100 FT

XXX— Standard colors include: BLK, CLR, RED, GRN, YEL, WHT, BLU, BRN, GRN/YEL

Packaging - Spools, 4 foot lengths

Ordering Info: (Type of Material) (size) (color)
HST 1/8 BLK

Technical Data

Electrical

Dielectric Strength 600 V/Mil
Volume Resistivity 10¹⁶ ohm-cm

Chemical

Fluid Resistance Good to Excellent
Copper Corrosion No Corrosion
Water Absorption 0.2%
Fungus Resistance No Growth

Physical

Tensile Strength 2200 psi
Elongation 400%
Longitudinal Change +/- 5%
2% Secant Modulus 16000 psi
Specific Gravity 1.3
Restricted Shrinkage No Cracking
Elongation after Heat 350%
Heat Shock (4 hrs 250°) No cracking or flowing
Low Temp Flexibility No cracking or splitting
Flammability Flame retardant (except clear)

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