

HLST - Low shrink temperature polyolefin heat shrinkable tubing

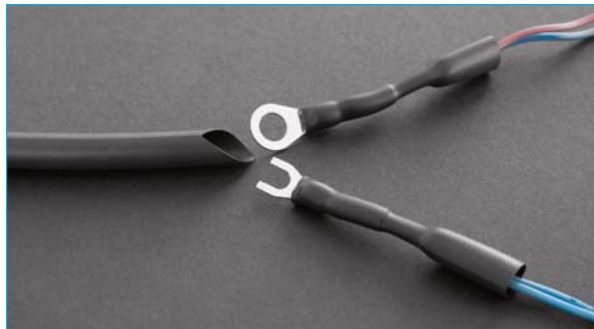


Features & Benefits

- Rapid recovery at low temperatures
- Can be used with temperature sensitive materials
- Excellent physical and electrical performance.
- 2:1 shrink ratio
- Operating temperature range -40°C to +125°C

Standard Colours & Colour Codes

Black - 0	Blue - 6
Red - 2	White - 9
Yellow - 4	Clear - X
Green - 5	



Applications

HLST is a highly flexible, low shrink temperature heat-shrinkable tubing. Easy to handle and install, it's low shrink temperature (+80°C) offers exceptionally fast recovery for maximum efficiency in high volume commercial applications and makes it suitable for use on or near delicate temperature sensitive materials e.g. PVC jacketed wire and cable.

Although not flame retardant, HLST meets the automotive flame propagation standard MVSS 302. The product also gives good physical and electrical performance. Typical applications are electrical termination, insulation, colour coding, covering of heat sensitive devices, cosmetic coverings and mechanical protection.

Inside Diameter	Wall Thickness	Standard Package		
Expanded as supplied (min)	Recovered after heating (max)	Total Wall recovered after heating(nom)	Spool Quantity	
mm	mm	mm	mtrs	
1.6	0.8	0.50	300	ORDERING DESCRIPTION
2.4	1.2	0.55	150	HLST-1.6/0.8-colour code-SP
3.2	1.6	0.55	150	HLST-2.4/1.2-colour code-SP
4.8	2.4	0.55	150	HLST-3.2/1.6-colour code-SP
6.4	3.2	0.65	75	HLST-4.8/2.4-colour code-SP
9.5	4.8	0.65	75	HLST-6.4/3.2-colour code-SP
12.7	6.4	0.65	75	HLST-9.5/4.8-colour code-SP
19.0	9.5	0.80	75	HLST-12.7/6.4-colour code-SP
25.4	12.7	0.95	30	HLST-19.0/9.5-colour code-SP
38.0	19.0	1.05	30	HLST-25.4/12.7-colour code-SP
				HLST-38.1/19.0-colour code-SP

The largest size which will recover snugly over the component to be covered should be ordered. The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage. Other lengths, sizes and non-standard colours may be available subject to special orders.

Performance	Test	Test Method	Test Requirement
	Heat Ageing:	ISO 188 (168h at 125°C)	Tensile strength: 15 MPa (min) Ultimate Elongation: 150% (min)
	Corrosion resistance:	ASTM D2671 (16h at 150°C)	No corrosion of mirrors
	Flame retardancy:	MVSS 302	100mm/min (max)
	Fluid resistance	24H at 23°C, ISO 37	Tensile strength: 15 MPa (min) Ultimate elongation: 200% (min)
	Test Fluids:		Hydraulic fluid (J1703) Battery acid