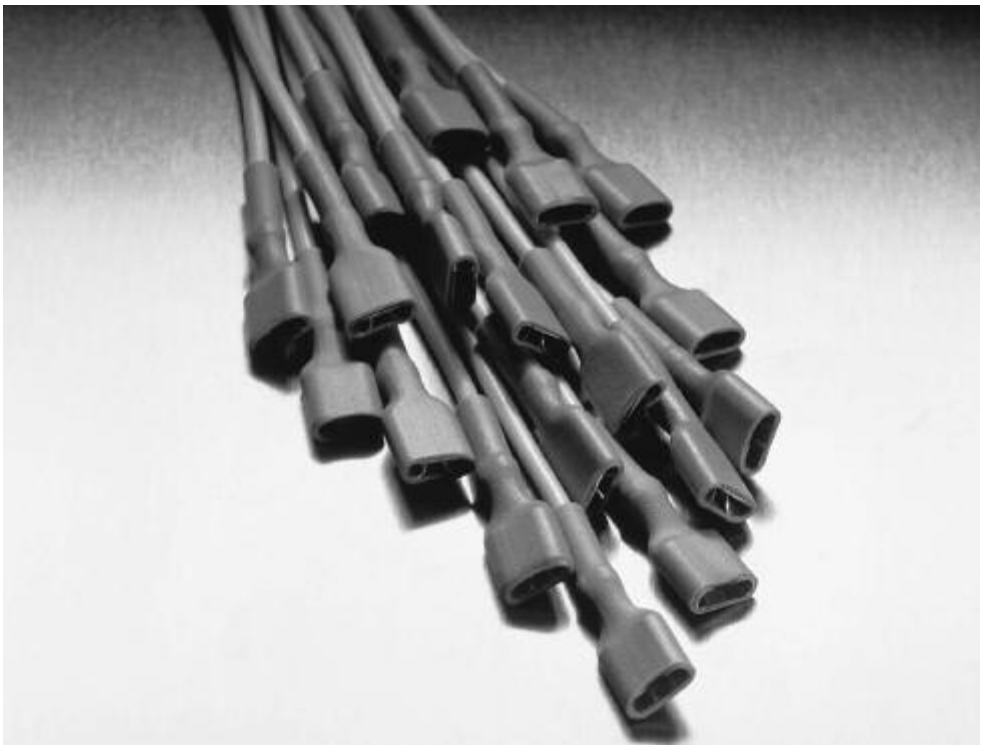
LSTT

Low-Shrink-Temperature, Non-Flame-Retardant, Heat-Shrinkable, Polyolefin tubing



Product Facts

- 2:1 shrink ratio
- Rapid recovery at low temperatures
- Can be used with temperature-sensitive materials
- Flexible
- Not flame-retardant
- Excellent physical and electrical performance



Applications

LSTT is a highly flexible, low-shrink-temperature, heat-shrinkable tubing. Its low shrink temperature 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, such as PVC jacketed wire and cable. Although not flame-retardant, LSTT meets the automotive flame propagation standard MVSS 302.

Typical applications include electrical termination insulation, color-coding, covering of heat-sensitive devices, cosmetic coverings, and mechanical protection.

Installation

Minimum shrink temperature: 65°C [149°F]

Minimum full recovery temperature: 110°C [230°F]

Operating Temperature Range

-40°C to 125°C
[-40°F to 257°F]

Specifications/Approvals

Series	Industry	Raychem
LSTT	MVSS302	RW-2051

Available in:	Americas	Europe	Asia Pacific
		■	

Catalog 1654025
Revised 12-04

www.tycoelectronics.com

Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Japan: 81-44-900-5102
Singapore: 65-4866-151
UK: 44-1793-528171

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LSTT (Continued)

Product Dimensions

Size	Inside Diameter		Recovered Wall Thickness* After Heating
	Minimum Expanded as Supplied	Maximum Recovered After Heating	
1.6	1.6 [0.063]	0.8 [0.031]	0.50 ± 0.12 [0.018 ± 0.005]
2.4	2.4 [0.093]	1.2 [0.046]	0.55 ± 0.12 [0.022 ± 0.005]
3.2	3.2 [0.125]	1.6 [0.062]	0.55 ± 0.12 [0.022 ± 0.005]
4.8	4.8 [0.187]	2.4 [0.093]	0.55 ± 0.12 [0.022 ± 0.005]
6.4	6.4 [0.250]	3.2 [0.125]	0.65 ± 0.15 [0.026 ± 0.006]
9.5	9.5 [0.375]	4.8 [0.187]	0.65 ± 0.15 [0.026 ± 0.006]
12.7	12.7 [0.500]	6.4 [0.250]	0.65 ± 0.15 [0.026 ± 0.006]
19.0	19.0 [0.748]	9.5 [0.375]	0.80 ± 0.15 [0.032 ± 0.006]
25.4	25.4 [1.000]	12.7 [0.500]	0.95 ± 0.18 [0.037 ± 0.007]
32.0	32.0 [1.260]	16.0 [0.630]	1.05 ± 0.20 [0.041 ± 0.008]
38.0	38.0 [1.496]	19.0 [0.748]	1.05 ± 0.20 [0.041 ± 0.008]
52.0**	52.0 [2.047]	26.0 [1.024]	1.14 ± 0.18 [0.045 ± 0.007]

*Wall thickness will be les if tubing recovery is restricted during shrinkage.
**Available in black only.

Ordering Information

Color	Standard	Black (-0), white (-9), red (-2), blue (-6), yellow (-4)
	Nonstandard	Green (-5), grey (-8), clear (-X)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.	
Standard packaging	On plastic spools***	
Ordering description	Specify product name, size and color (for example, LSTT 6.4-0).	

***Available in the convenient RaySpool packaging/dispensing system, for sizes 2.4 up to 25.4

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