

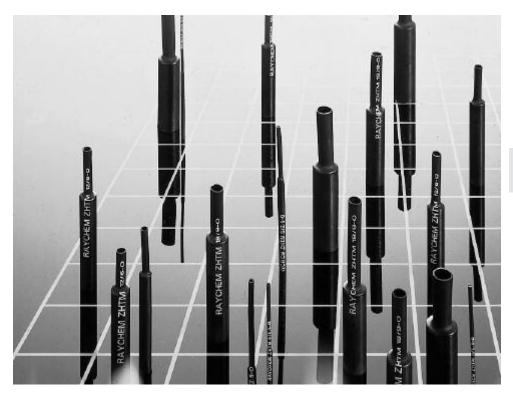
Special Purpose Tubing

ZHTM

Heat-Shrinkable, Flexible Tubing with Low Toxicity for **Fire Safety Applications**

Product Facts

- 2:1 shrink ratio
- Low smoke emission
- System 100 tubing





Applications

A flexible, thick-wall, heatshrinkable tubing to be used in conjunction with -100 molded parts and Zerohal cable to form Raychem System 100. This material exhibits excellent fire safety characteristics combined with low smoke emission and low evolution of acid gases while retaining good mechanical and fluid-resistance

properties. Used for insulation and protection of cables, harnesses, and electrical and electronic components in enclosed spaces, such as in marine applications, mass transit systems, and offshore installations, to reduce toxicity risks, or where equipment would be irreparably damaged by corrosive products of combustion.

Installation

Minimum shrink temperature: 80°C [176°F] Minimum full recovery temperature: 121°C [250°F]

Operating Temperature Range

-30°C to 105°C [-22°F to 221°F]

Specification

Specifications/Approva	als Series	Military	Agency	Industry	Raychem
	ZHTM	Issue 3 Type 8	BS 4G-198 Part 3 Type 15 VG 95343 Part 5 Type L VDE 0341/Pt 9005	BR 1326A	RW-2058
	Available in:	Americas	Europe	Asia Pacific	:
Catalog 1654025 Revised 12-04	Dimensions are in millimete and inches unless otherwise specified. Values in brackets	e reference purposes only. Specifications subject	Canada: 1-905-470-4425 Mexico: 01-800-733-8926	Japan: 81-44-9 Singapore: 65-	4866-151
www.tycoelectronics.com	are U.S. equivalents.	to change.	C. America: 52-55-5-729-0425	5 UK: 44-1793-5	28171

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ZHTM (Continued)

Product Dimensions

	Inside I	Recovered Wall		
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	Thickness* After Heating	
3/1.5	3.0 [0.118]	1.5 [0.059]	0.70 ± 0.10 [0.028 ± 0.004]	
5/2.5	5.0 [0.197]	2.5 [0.098]	0.75 ± 0.12 [0.030 ± 0.005]	
8/4	8.0 [0.315]	4.0 [0.157]	0.80 ± 0.15 [0.031 ± 0.006]	
12/6	12.0 [0.472]	6.0 [0.236]	0.90 ± 0.15 [0.035 ± 0.006]	
18/9	18.0 [0.709]	9.0 [0.354]	1.00 ± 0.18 [0.039 ± 0.007]	
24/12	24.0 [0.945]	12.0 [0.472]	1.10 ± 0.20 [0.043 ± 0.008]	
40/20	40.0 [1.575]	20.0 [0.789]	1.30 ± 0.23 [0.051 ± 0.009]	
50/30	50.0 [1.969]	30.0 [1.181]	1.50 ± 0.28 [0.059 ± 0.011]	

*Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Black (-0)	
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 spools.		
Ordering description** Specify product name, size and color (for example, ZHTM 8/4-0).		e and color (for example, ZHTM 8/4-0).	

**Europe only. For supply to Def Stan and BS add -DS or -BS to ordering description.

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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