

HTAT

Semiflexible, Dual Wall, Moisture-Resistant, Heat-Shrinkable Tubing

Product Facts

- 4:1 shrink ratio
- **■** Environmental sealing
- High-strength bonding
- Well-suited connector sealing covering large diameter differences
- RoHS compliant



Applications

Designed to provide environmental sealing for a range of substrates, at elevated temperatures. Manufactured by TE from radiation-crosslinked polyolefins, the inner wall melts when heated and is forced into interstices by the shrinking of the outer wall so that, when cooled, the substrate is encapsulated by a tough, protective moisture barrier.

An operating range of -55°C to 125°C [-67°F to 257°F] and a high-shrink-ratio as standard, mean that the tubing offers superior environmental protection to a wide range of irregular shapes with varying dimensions. The jacket is flame-retardant to reduce flame propagation.

Installation

Minimum shrink temperature: 80°C [176°F] Minimum full recovery temperature: 110°C [230°F]

Operating Temperature Range

-55°C to 125°C [-67°F to 257°F]

Specifications/Approvals

Series	Raychem	
HTAT	RW-2052	

Available in:	Americas	Europe	Asia Pacific
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RAYCHEM Tubing Products

HTAT (Continued)

Product Dimensions

	Inside D	Inside Diameter		Recovered Wall Thickness*	
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	Nominal Total Wall After Heating	Nominal Adhesive Wall After Heating	
4/1	4.0 [0.158]	1.0 [0.039]	1.00 [0.039]	0.40 [0.016]	
8/2	8.0 [0.315]	2.0 [0.079]	1.00 [0.039]	0.50 [0.020]	
12/3	12.0 [0.472]	3.0 [0.118]	1.40 [0.055]	0.60 [0.024]	
16/4	16.0 [0.630]	4.0 [0.158]	1.75 [0.069]	0.75 [0.030]	
24/6	24.0 [0.945]	6.0 [0.236]	2.25 [0.088]	0.80 [0.032]	
32/8	32.0 [1.260]	8.0 [0.315]	2.50 [0.098]	1.00 [0.039]	
48/13	48.0 [1.890]	13.0 [0.512]	2.55 [0.100]	1.00 [0.039]	

^{*}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	In 1.2-meter [4-foot] lengths.		
Ordering description	Specify product name, size and color (for example, HTAT 8/2-0).		

