

# HTAT

Semiflexible, dual-wall, moisture-resistant, heat-shrinkable tubing

Fax-on-Demand: (800) 260-9099  
(650) 361-6523

FAX ID Description  
2100 Data sheet

Before ordering check with factory for most current data.



### Applications

Designed to provide environmental sealing for a range of substrates, at elevated temperatures. Manufactured by Raychem 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 up to 125°C 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.

**Operating Temperature Range**  
-55°C to 125°C

### Features/Benefits

- 4:1 shrink ratio.
- Environmental sealing.
- High-strength bonding.
- Ideal connector sealing covering large diameter differences.

### Installation

Minimum shrink temperature: 80°C  
Minimum full recovery temperature: 110°C

## Specifications/Approvals

<b>Series</b>	<b>Raychem</b>
HTAT	RW-2052

## Product Dimensions (mm/in)

Size	Inside diameter		Wall thickness*			
	Minimum expanded as supplied	Maximum recovered after heating	Total wall recovered after heating		Meltable wall recovered after heating	
4/1	4.0 (.158)	1.0 (.039)	1.00 (.039)	0.40 (.016)		
8/2	8.0 (.315)	2.0 (.079)	1.00 (.039)	0.50 (.019)		
12/3	12.0 (.472)	3.0 (.118)	1.40 (.055)	0.60 (.024)		
16/4	16.0 (.630)	4.0 (.158)	1.80 (.071)	0.75 (.030)		
24/6	24.0 (.945)	6.0 (.236)	2.25 (.089)	0.80 (.032)		
32/8	32.0 (1.260)	8.0 (.315)	2.55 (.100)	1.00 (.039)		
48/13	48.0 (1.890)	13.0 (.512)	2.55 (.100)	1.00 (.039)		

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

## Ordering Information

Color	Standard	Black (-0)
	Nonstandard	Special order colors may be made available on request.
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).	