

# Special Purpose Tubing

### HFT5000

Heat-Shrinkable Fabric Tubing

**Product Facts** 

- Highly flexible woven fabric tubing
- Polyethylene/polyester construction for excellent abrasion resistance

Halogen free

- Heat-shrinkable to grip substrates tightly without additonal fixing
- 2:1 shrink ratio for easy installation onto different substrate diameters and sizes
- Highly flexible woven fabric construction for easy, compliant installation onto awkward substrates such as bent hoses
- Outstanding abrasion resistance over a wide temperature range
- Easily cut with standard industrial cutting equipment
- Resistant to harsh environments
- Multifilament construction that ensures soft, safe handling
- Low shrink temperature for safe installation onto heat sensitive substrates





#### Applications

Designed primarily to provide mechanical abrasion protection for components such as rubber hoses, plastic pipes, and harness wiring bundles. Also suitable for other applications, such as noise and rattle suppression.

The woven construction makes HFT5000 extremely flexible and resistant to trapping water, heat and humidity. Provides outstanding abrasion, chafing and cutting protection, even at high temperatures.

#### Installation

Minimum shrink temperature: 80°C [176°F] Minimum full recovery temperature: 110°C [230°F] Maximum storage temperature: 60°C [140°F]

#### **Operating Temperature Range**

3000 hours: -40°C to 125°C [-40°F to 257°F]

1000 hours: -40°C to 150°C [-40°F to 302°F]

HET5000 E199379 BW/-2060	Specifications/Approvals	Series	UL Я	Raychem
11115000 E15575 11072000		HFT5000	E199379	RW-2060

Catalog 1654025 Revised 5-03

www.tycoelectronics.com specifie are U.S.

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 3-69



## Special Purpose Tubing

HFT5000 (Continued)

# Product Dimensions

Polyester Warp (longitudinal member non heat-shrinkable)



	Inside Diameter			
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating		
Standard				
12/6	12 [0.47]	6 [0.24]		
20/10	20 [0.79]	10 [0.39]		
30/15	30 [1.18]	15 [0.59]		
40/20	40 [1.57]	20 [0.79]		
50/25	50 [1.97]	25 [0.98]		
60/30	60 [2.36]	30 [1.18]		
70/35	70 [2.76]	35 [1.38]		
Non-Standard Hig	h Volume			
25/12	25 [0.98]	12 [0.47]		
34/17 34 [1.34]		17 [0.67]		
80/40	80/40 80 [3.15] 4			

## **Ordering Information**

Color	Standard	Black (-0)
Standard packaging	On spools.	
Ordering description	Specify product name, size and color (for example, HFT5000-12/6-0)	

3-70

Catalog 1654025 Di Revised 5-03 ar sp www.tycoelectronics.com ar

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