



Raychem HFT5000 Highly Flexible Heat-Shrinkable Woven Fabric

TE Connectivity (TE) manufactures one of the world's largest ranges of heat-shrinkable tubing that provides cable protection, insulation, environmental sealing and strain relief. HFT5000 heat-shrinkable fabric with a 2:1 shrink ratio is a halogen-free product, woven from polyethylene/polyester materials which provides excellent abrasion resistance for components such as rubber hoses, plastic pipes and harness wiring bundles.

The tightly woven filaments promote flexibility and easy installation onto irregular substrates such as bent hoses, yet provide resistance to trapping water, heat and humidity.



Features and Benefits

- Heat-shrinkable, to grip substrates tightly without additional fixing
- 2:1 shrink ratio for easy installation onto substrate diameter transitions
- Highly flexible woven construction for easy, compliant installation onto irregular substrates
- Low shrink temperature for safe installation onto heat-sensitive substrates
- Provides abrasion resistance over a wide temperature range
- Resistant to harsh environments
- Easily cut with standard industrial cutting equipment

Industries

- Aerospace and Defense
- Auto
- Commercial
- Industrial
- Maintenance and Repair Organizations (MRO)
- Marine
- Rail

Temperature Rating

- **Operating Temperature Range (3000 hours)** : -40°C to 125°C
- **Operating Temperature Range (1000 hours)** : -40°C to 150°C
- **Minimum Recovery Temperature** : 80°C
- **Minimum Full Recovery Temperature** : 110°C

Standards and Specifications

- UL (E199379) Rated at 135°C

Product Dimensions

Size	Minimum Expanded ID as Supplied mm [in]	Maximum Recovered ID After Heating mm [in]
HFT5000-12/6	12 [0.47]	6 [0.24]
HFT5000-20/10	20 [0.79]	10 [0.39]
HFT5000-30/15	30 [1.18]	15 [0.59]
HFT5000-40/20	40 [1.57]	20 [0.79]
HFT5000-50/25	50 [1.97]	25 [0.98]
HFT5000-60/30	60 [2.36]	30 [1.18]
HFT5000-70/35	70 [2.76]	35 [1.38]
HFT5000-25/12	25 [0.98]	12 [0.47]
HFT5000-34/17	34 [1.34]	17 [0.67]
HFT5000-80/40	80 [3.15]	40 [1.57]

Ordering Information

- **Color** : Standard Black (-0)
- **Standard Packaging** : On spools
- **Size Selection** : Always order the largest size that will shrink snugly over the component to be covered
- **Ordering Description** : Specify product name, size, and color (for example, HFT5000-12/6-0-SP)

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.
*as defined www.tycoelectronics.com/leadfree

te.com

© 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.
9-1773456-2 CIS PDF 08/2011

RAYCHEM, TE Connectivity and the TE Connectivity (logo) are trademarks. Other logos, product and/or company names might be trade

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

