



## 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<br>as Supplied mm [in] | Maximum Recovered ID<br>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](http://www.tycoelectronics.com/leadfree)

### te.com

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## Данный компонент на территории Российской Федерации

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Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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