

Versatile Protective Coverings for Automotive Components



HFT 5000 Tubing
Heat shrinkable
abrasion resistant
woven fabric tube.



HFT 5000 Tubing

HFT 5000 tubing products are made of very flexible heat-shrinkable fabric material, they shrink and fit snugly and securely around the underlying substrate.

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

The woven construction makes HFT 5000 extremely flexible and resistant to trapping water, heat and humidity. It provides outstanding abrasion, chafing and cutting protection, even at high temperatures. HFT-5000 product is easy to install and can be cut with standard industrial cutting equipment.

Benefits

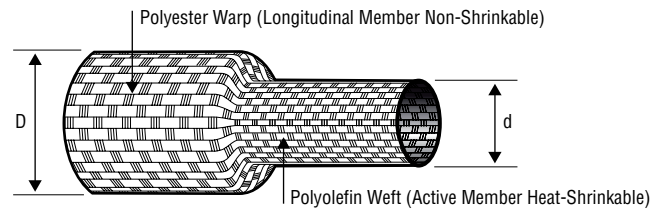
- Extremely tough – meeting even demanding automotive abrasion specifications
- Protect only where protection is needed – minimising cost
- Safe installation with no hot knife cutting equipment required – reduces investment
- Soft to handle so operators do not need to wear gloves – increases productivity
- Can be cut with conventional guillotines or even scissors
- Resists hose pulsing effects
- Halogen free
- Resistant to harsh environments such as engine compartments
- Grips substrates tightly without additional fixing
- Highly flexible woven fabric construction for easy installation onto awkward substrates such as tightly angled hoses
- RoHS/ELV compliant

Heat-Shrinkable Fabric Tubing

Product Features

HFT 5000 Tubing

- Continuous operating temperature from
-40°C up to +125°C (3000 hrs)
-40°C up to +150°C (1000 hrs)
- Minimum shrink temperature: 80°C
- Minimum full recovery temperature: 110°C
- Low shrink temperature
- 2:1 shrink ratio



Product Dimensions

Standard Sizes

Inside Diameter

D (min) Expanded as Supplied mm	d (max) Recovered after Heating mm	Ordering Description
12	6	HFT-5000-12/6-0
20	10	HFT-5000-20/10-0
25	12	HFT-5000-25/12-0
30	15	HFT-5000-30/15-0
34	17	HFT-5000-34/17-0
40	20	HFT-5000-40/20-0
50	25	HFT-5000-50/25-0
60	30	HFT-5000-60/30-0
70	35	HFT-5000-70/35-0
80	40	HFT-5000-80/40-0
100	50	HFT-5000-100/50-0

Ordering Information

Standard Colour

Black (0)

Note: Fully recoverable fabric wall thickness: Approximately 1 mm.
Longitudinal change on full recovery is -10% to -20%; 0 = Black

For full product performance details consult TE Automotive Specifications RW-2060.

Specifications/Approvals

Series

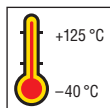
TE

HFT 5000 Tubing

RW-2060

Material Safety Data Sheet available on request.

Installation instructions available on request.



Operating Temperature Range



Shrinking Ratio



Shrink Temperature



Fluid Resistant