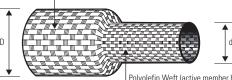
| Polyester Warp (longitudinal member non-shrinkable)



- Heat-shrinkable fabric tubing
- Highly flexible woven fabric tubing
- Polyethylene/polyester construction for excellent abrasion resistance
- Low shrink temperature
- Halogen free
- 2:1 shrink ratio

Raychem HFT5000 products are made of very flexible heatshrinkable fabric material. Heated above 100°C, 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.

Woven from heat-shrinkable circumferential polyolefin filaments and non-shrinking longitudinal polyester fibres, the product is halogen free. The woven construction makes HFT5000 extremely flexible and resistant to trapping water, heat and humidity. It provides outstanding abrasion, chafing and cutting protection, even at high temperatures. HFT5000 product is easy to install and can be cut with standard industrial cutting equipment.

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Standa	ard sizes					
nside	diameter (mm/i	n)				
D (min as sup	.) Expanded plied	d (max after h	.) Recovered eating	Spool ( (m/ft)	quantity	Product description
12	(0.47)	6	(0.24)	500	(1640)	HFT5000-12/6-0-SP
20	(0.79)	10	(0.39)	400	(1312)	HFT5000-20/10-0-SP
25	(0.98)	12	(0.47)	400	(1312)	HFT5000-25/12-0-SP
30	(1.18)	15	(0.59)	400	(1312)	HFT5000-30/15-0-SP
34	(1.34)	17	(0.67)	350	(1148)	HFT5000-34/17-0-SP
40	(1.57)	20	(0.79)	300	(984)	HFT5000-40/20-0-SP
50	(1.97)	25	(0.98)	200	(656)	HFT5000-50/25-0-SP
60	(2.36)	30	(1.18)	200	(656)	HFT5000-60/30-0-SP
70	(2.76)	35	(1.38)	150	(492)	HFT5000-70/35-0-SP
80	(3.15)	40	(1.57)	100	(328)	HFT5000-80/40-0-SP
100	(3.94)	50	(1.97)	100	(328)	HFT5000-100/50-0-SP

Standard colours	Colour	Black	Note: Fully recoverable fabric wall thickness: Approximately 1 mm (0.039in). Longitudinal change on full recovery is – 10% to -20% 0 = Black Test requirement			
	Code	0				
	Standard packaging	1 spool per box				
Performance	Test	Test method				
	Thermal ageing:	3000 hrs at 125°C	No deterioration in abrasion resistance at 80°C			
		1000 hrs at 150°C	No deterioration in abrasion resistance at 80°C			
	Flammability:	MVSS302	Pass			
	Low temperature	4 hours at -40°C,	No cracking			
	flexibility:	10X diameter mandrel				
	Cold impact:	200g weight from 100mm at -40°C	No cracking			
	Temperature/	See RW2060 for details	No deterioration in abrasion			
	humidity cycling:		resistance at 80°C			
	Thermal shock:	100 cycles between	No deterioration in abrasion			
		-40°C and 125°C	resistance at 80°C			
	Fluid resistance:	24 hr immersion at 23°C	No deterioration in abrasion			
			resistance at 80°C			
		Test fluids:	Antifreeze (50% ethylene glycol)			
		(24hr immersion at 23°C)	Engine oil (SAE 10W/30)			
			Mineral hydraulic fluid			
			Detergent (1% Teepol)			
			Brake fluid (DOT 4)			
			Unleaded gasoline			
			Diesel fuel			
			Battery acid (1.25 SG H <sub>2</sub> SO <sub>4</sub> )			
	For full product performance details consult Raychem Specification RW 2060.					
Specifications	Raychem Specification RW 2060. Material Safety Data Sheet available on request.					

Material Safety Data Sheet available on request. Installation instructions available on request.