

Braided Heat Shrink Tubing

## FITCOFLEX® -HS

Fabric heat-shrink tubing made of PET multifilament with excellent shrink properties

### Application:

Heat-shrink tubing with extremely high fabric stability for use in the engine compartment to protect intercoolers, power steering lines, oil lines, and hydraulic lines, for example.

**Operating temperature:** -40°C to +125°C (3000 Std.) / -40°C to +150°C (1000 Std.)

**Standard color:** black

**Shrink factor:** 2 :1



Descriptions:	ID max as supplied (mm)	OD min after recovery (mm)	Recommended Application (mm)
FITCOFLEX-HS 12/6	12	6	6 – 9
FITCOFLEX-HS 20/10	20	10	10 – 15
FITCOFLEX-HS 25/12,5	25	12.5	12,5 – 18
FITCOFLEX-HS 30/15	30	15	15 – 22
FITCOFLEX-HS 34/17	34	17	17 – 25
FITCOFLEX-HS 40/20	40	20	20 – 30
FITCOFLEX-HS 50/25	50	25	25 – 37
FITCOFLEX-HS 55/27,5	55	27.5	27,5 – 43
FITCOFLEX-HS 60/30	60	30	30 - 45

Special sizes on request

### Features:

- Material: Polyester multifilaments & shrinking polyolefine monofilaments
- Processing temp. +180°C up to +230°C
- Very good fluid resistance
- Extreme abrasion resistance
- Low weight, high flexibility
- Halogen free

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### Packaging options:

On spools, Laser cut lengths

### Processing note:

Care for clean and straight cutting edges. Start shrinkage on the end.  
Pre-heat metal body.

Properties	Test Method	Typical Values
Abrasion resistance	LV 312-3 (ISO 6722) PSA 9645870999E GME 8618 TL 52668	≥ 5.000 cycles (class E) 144.000 cycles (Classification 5) 500 strokes 144.000 cycles
Flammability	FMVSS 302 (DIN 75200)	Flammability speed ≤100mm/min (category C)
Shrinking	ISO 6722	≤ 10%
Impact Performance	PSA D421245 LV 312-3	No damages (C/200/50/-30°C) No damages (700/1200g with -40°C)
Hydrolysis resistance	GME 00053	Fullfilled
Thermal Aging	GMW 14327 / ISO 188 Methode B GME 00052 Fiat 9.91220	Fullfilled (240 h / 125°C) Fullfilled (24 h / 175°C) Fullfilled (240 h / 150°C)
Fogging	VW 50180	Fullfilled (≤ 2mg)
Emission	VW 50180	Fullfilled (≤ 50µg C/G)
Ozone resistance	PSA D411100	Fullfilled