

Braided Heat Shrink Tubing

# FITCOFLEX® -HS

Braided heat-shrink tubing with high shrink ratio

**Application:**

Abrasion protection for pipes, tubes and cable bundles. Universal applicable for wide variety of different diameters, due to its high shrink ratio. Reduces storage!

**Operating temperature:**

-40°C up to +125°C (3.000h) / -40°C up to 150°C (1.000h)

Standard color: black

Descriptions:	Recommended Application [mm]
FITCOFLEX-HS 8/4	4 – 6
FITCOFLEX-HS 12/6	6 – 9
FITCOFLEX-HS 20/10	10 – 15
FITCOFLEX-HS 25/12,5	12,5 – 18
FITCOFLEX-HS 30/15	15 – 22
FITCOFLEX-HS 34/17	<b>17 – 25</b>
FITCOFLEX-HS 40/20	20 – 30
FITCOFLEX-HS 50/25	25 – 37
FITCOFLEX-HS 55/27,5	27,5 – 43
FITCOFLEX-HS 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

**Features:**

	Test Method	Result
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