

Braided Hose

FITCOFLEX® -I-PA15

Mechanical, self-extinguishing braided hose made of Polyamide 6.6 with high expansion rate.

Application:

Bundeling and mechanical, thermal and chemical protection of cable harnesses, sleeves and pipes.

Operating temperature: -55°C up to +125°C

Standard color: Black



Description	Recommended range of application [mm]	
	(∅ min)	(∅ max)
FITCOFLEX-I-PA15 3	2.5	5
FITCOFLEX-I-PA15 6	4	10.5
FITCOFLEX-I-PA15 10	6	15
FITCOFLEX-I-PA15 13	11	18
FITCOFLEX-I-PA15 16	11	24
FITCOFLEX-I-PA15 20	18	30
FITCOFLEX-I-PA15 24	20	35
FITCOFLEX-I-PA15 30	20	37
FITCOFLEX-I-PA15 35	28	60
FITCOFLEX-I-PA15 45	35	50
FITCOFLEX-I-PA15 50	45	52

Spezial sizes on request

Properties:

- Monofil: ∅ 0,25mm from polyamide 6.6
- Self-extinguishing (DIN 75200 / FMVSS 302)
- Excellent mechanical protection
- Flammability classification (DIN5510 Teil 1+2)
- Tight construction, high surface coverage
- Very good media resistance
- 100% recyclable

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Packaging options:

On spool, laser cut lengths in boxes

Eigenschaften	Prüfverfahren	Typische Werte
Abration resistance	LV 312-3 (ISO 6722) PSA 9645870999E GME 8618	≥ 15.000 cycles (class F) ≥ 7.000 cycles (class 4) 144.000 cycles (non hole formation)
Flammability	FMVSS 302 (DIN 75200) DIN 5510-2	Self-extinguishing (category B) Flammability class S4 Gas toxicity class SR2 Drop-forming class ST2
Shrinking	ISO 6722	≤ 4%
Impact performace	PSA D421245 LV 312-3	No damages (C/200/50/-30°C) No damages (700/1200g bei -40°C)
Gas toxicity	NF F 16-101 NF F 16-102/STM-S-001 DIN 5510-2 (DIN EN ISO 5659-2)	F2 Pass (appendix C)
Oxygen index	NF F 16-101/NF F 16-102/STM-S-001	I3
Hydrolysis resistance	GME 00053	Pass
Thermal ageing	LV312-2	Pass (240 h at 150°C)
Hot water jet testing	LV312-3	Pass (No cracks or damages)
Fogging	VW 50180	Pass (≤ 2mg)
Emission	VW 50180	Pass (≤ 50µg C/G)