

Braided hose

FITCOFLEX® -I-PA35

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	Recommend range of application [mm]	
	(∅ min)	(∅ max)
FITCOFLEX-I-PA35 4	3	8
FITCOFLEX-I-PA35 5	4	10
FITCOFLEX-I-PA35 10	8	14
FITCOFLEX-I-PA35 14	10	22
FITCOFLEX-I-PA35 16	14	24
FITCOFLEX-I-PA35 20	18	25
FITCOFLEX-I-PA35 24	21	32
FITCOFLEX-I-PA35 30	28	40
FITCOFLEX-I-PA35 35	30	52
FITCOFLEX-I-PA35 45	38	60
FITCOFLEX-I-PA35 50	35	80
FITCOFLEX-I-PA35 70	45	87

Other sizes on request

Properties:

- Monofil: ∅ 0,25mm from polyamide 6.6
- Self-extinguishing (DIN 75200 / FMVSS 302)
- Excellent mechanical protection
- Fire class (DIN5510 part 1+2)
- Very good fluid resistance
- 100% recycleable
- Low weight, high flexibility

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Packaging options:

On spool, Laser cut lengths in boxes

Features:

	Testing	Value
Abration resistance	LV 312-3 (ISO 6722) PSA 9645870999E GME 8618 D 44 1959	≥ 15000 cycles (class F) ≥ 7000 cycles (class 4) 144000 strokes 144000 strokes
Flammability	FMVSS 302 (DIN 75200)	Self-extinguishing (category B) Flammability class S4
	UL94 V	Class V2
Shrinking	ISO 6722	≤ 4%
Impact performance	PSA D421245	No damages (C/200/50/-30°C)
	LV 312-3	No damages (700/1200g at -40°C)
Smoke-gas toxicity	NF F 16-101 NF F 16-102/STM-S-001	F2
	DIN EN 45545-2 (NF X 70-100)	Fulfilled (Requirement R22-> Hazard Level HL3 Requirement R23-> Hazard Level HL3)
Oxygen index	NF F 16-101/NF F 16-102/STM-S-001	I3
	DIN EN 45545-2 (EN ISO 5659-2)	Fulfilled (Requirement R22-> Hazard Level HL2 Requirement R23-> Hazard Level HL2)
Hydrolysis resistance	GME 00053	Fulfilled
Thermal ageing	LV312-2	Fulfilled (240 h at 150°C / 3000 h at 125°C)
Hot water jet testing	LV312-3	Fulfilled (No cracks or damages)
Fogging	VW 50180	Fulfilled (≤ 2mg)
Emission	VW 50180	Fulfilled (≤ 50µg C/G)
Smoke density	DIN EN 45545-2 (EN ISO 4589-2)	Fulfilled (Requirement R22-> Hazard Level HL2 Requirement R23-> Hazard Level HL3)