

Braided Hose

FITCOFLEX® -I-PA35H

Mechanical, self-extinguishing braided hose made of heat stabilized polyamide 6.6 HS with high surface coverage.

Application:

Excellent protection against mechanical influences, resistance to the physical and chemical conditions prevailing in the automobile industry. Suitable for use at higher temperatures.

Operating temperature: -55°C to +180°C, short time +205°C

Standard color: Black



Description	Field of application (mm)	
	(∅ min)	(∅ max)
FITCOFLEX-I-PA35H 3	2	5
FITCOFLEX-I-PA35H 4	2	8
FITCOFLEX-I-PA35H 5	3	10
FITCOFLEX-I-PA35H 6	4	10.5
FITCOFLEX-I-PA35H 8	6	11
FITCOFLEX-I-PA35H 10	8	14
FITCOFLEX-I-PA35H 12	10	16
FITCOFLEX-I-PA35H 14	10	22
FITCOFLEX-I-PA35H 16	14	24
FITCOFLEX-I-PA35H 18	16	24
FITCOFLEX-I-PA35H 20	18	25
FITCOFLEX-I-PA35H 22	18	32
FITCOFLEX-I-PA35H 24	21	32
FITCOFLEX-I-PA35H 25	18	33
FITCOFLEX-I-PA35H 30	20	37
FITCOFLEX-I-PA35H 40	35	45
FITCOFLEX-I-PA35H 45	40	47
FITCOFLEX-I-PA35H 50	40	52

Special sizes on request

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Packaging: On spools, hot cut lengths in cardboard boxes. Special sizes on request.

Properties	Test Method	Typical Value
Mechanical		
Abrasion resistance	LV 312-3 (ISO 6722) PSA 9645870999E GME 8618 D 44 1959	≥ 15,000 cycles (class F) ≥ 7,000 cycles (class 4) 144,000 strokes 144,000 strokes
Shrinkage performance	ISO 6722	≤ 4%
Impact performance	PSA D421245 LV 312-3	No damage (C/200/50/-30°C) No damage (700/1200g at -40°C)
Thermal		
Long term aging (3.000h x 180°C)	LV312-2	Pass
Short term aging (240h x 205° C)	LV312-2	Pass
Hot water jet test	LV312-3	No cracks or damage
Flammability	FMVSS 302 (DIN 75200) DIN 5510-2 Fire testing	Self-extinguishing (category B) Flammability class S4 Smoke gas development SR2 Dripability class ST2 Classification: V2
Smokeindex	NF F 16-101 NF F 16-102/STM-S-001 DIN 5510-2 (DIN EN ISO 5659-2)	F2 Pass (Attachment C)
Chemical		
Hydrolysis resistance	GME 00053	Pass
Oxygen index	NF F 16-101/NF F 16-102/STM-S-001	I3
Fogging	VW 50180	Pass (≤ 2mg)
Emission	VW 50180	Pass (≤ 50µg C/G)

Key Benefits:

- Monofilament: ø 0.25mm made of polyamide 6.6 HS
- Self-extinguishing (DIN75200 / FMVSS 302)
- Excellent mechanical protection and heat stabilized
- Fire class (DIN5510 part 1+2)
- Dense construction, flexible, low weight
- Very good media resistance
- 100% recyclable