

Braided hose

FITCOFLEX® -I-PET35B

Coated, resistant braided hose with high surface density

Application:

Excellent mechanical protection properties, resistance against chemical and physical conditions in the automotive environment with special coating to prevent fraying of the edges when cold cut.

Operating temperature:

-55°C up to +150°C

Standard Color:

Black

Description	Recommended range of application [mm]	
	(∅ min)	(∅ max)
FITCOFLEX-I-PET35B 4	3	10
FITCOFLEX-I-PET35B 5	4	10
FITCOFLEX-I-PET35B 8	6	11
FITCOFLEX-I-PET35B 10	8	14
FITCOFLEX-I-PET35B 12	10	16
FITCOFLEX-I-PET35B 14	12	20
FITCOFLEX-I-PET35B 16	14	22
FITCOFLEX-I-PET35B 18	16	24
FITCOFLEX-I-PET35B 20	18	25
FITCOFLEX-I-PET35B 22	18	30
FITCOFLEX-I-PET35B 25	18	33
FITCOFLEX-I-PET35B 30	30	44
FITCOFLEX-I-PET35B 35	30	40
FITCOFLEX-I-PET35B 40	28	42
FITCOFLEX-I-PET35B 45	38	60
FITCOFLEX-I-PET35B 50	45	60
FITCOFLEX-I-PET35B 65	40	86

Spezial sizes on request

Properties:

- Monofilament: ∅ 0,25mm; Material: Polyester; Self-extinguishing (DIN75200 / FMVSS 302); Fire Class (DIN5510 part 1+2)
- Excellent mechanical protection and fluid resistance
- Dense construction, high surface density; Low weight and volume, high flexible; 100% recyclable

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Packaging:

On spools, cut length in cardboard box

Attributes:

	Testing	Value
Abrasion Resistance	LV 312-3 (ISO 6722) PSA 9645870999E GME 8618	> 5.000 cycles (Class E) > 7.000 cycles (Class 4) 144.000 Strokes
Flammability	FMVSS 302 (DIN 75200) DIN 5510-2 UL94 V	Self-extinguishing (Category B) Flammability class S4 Smoke-gas development SR2 Drop forming class ST2 Class: V2
Shrinking	ISO 6722	< 4%
Impact Performance	PSA D421245 LV 312-3	No damages (C/200/50/-30°C) No damages (700/1200g bei -40°C)
Smoke-gas toxicity	NF F 16-101 NF F 16-102/STM-S-001, DIN 5510-2 (DIN EN ISO 5659-2)	F2 Fulfilled (Annex C)
Oxygen index	NF F 16-101 NF F 16-102/STM-S-001 DIN 5510-20 (DIN EN ISO 5659-2)	F2 Fulfilled (Annex C)
Hydrolysis resistance	GME 00053	Fulfilled
Thermal ageing	LV312-2	Fulfilled (240 h at 175°C) Fulfilled (3.000 h at 150°C)
Hot water jet test	LV312-3	Fulfilled (no cracks or damages)
Fogging	VW 50180	Fulfilled (≤ 2mg)
Emission	VW 50180	Fulfilled (≤ 50µg C/G)

Working advice:

Polyester monofilament with special coating to prevent fraying of the edges when cold cut.