

Braided hose

## FITCOFLEX®-I-PET15

FITCOFLEX®-I-PET15 is a halogen-free braided hose made of Ø0.25mm PET monofilament and is characterized by excellent protection against mechanical impacts, as they occur primarily in the automotive industry.

FITCOFLEX®-I-PET15 offers high expansion rates and high long-term temperature resistance as well as low weight, high flexibility and very good media resistance. It is particularly suitable for use in the engine compartment, in underbody and wet areas and in vehicle interiors.

**Operating temperature:** -55° C to +150° C

**Standard colors:** Black



Description	Application Range [mm]	
	(Ø min)	(Ø max)
FITCOFLEX®-I-PET15 3	2,5	5
FITCOFLEX®-I-PET15 6	4	8
FITCOFLEX®-I-PET15 8	6	14
FITCOFLEX®-I-PET15 10	6	15
FITCOFLEX®-I-PET15 13	11	18
FITCOFLEX®-I-PET15 16	11	22
FITCOFLEX®-I-PET15 19	12	26
FITCOFLEX®-I-PET15 20	12	30
FITCOFLEX®-I-PET15 24	21	34
FITCOFLEX®-I-PET15 30	20	38
FITCOFLEX®-I-PET15 45	40	47
FITCOFLEX®-I-PET15 50	45	50

Special sizes on request.

**Packaging:** Cut lengths in boxes.  
Continuous lengths on cardboard spools on request.

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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
Burning behavior	FMVSS 302 (DIN 75200)  DIN 5510-2  Fire Testing UL94V	Self-extinguishing (Category B)  Flammability class S4 Flue gas development SR2 Dripability class ST2  Classification: V2
Shrinkage behavior	ISO 6722	≤ 4%
Impact behaviour	PSA D421245  LV 312-3	No damage (C/200/50/-30°C)  No damage (700/1200g at -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 Passed (Requirement R22→Hazard Level HL3 Requirement R23→Hazard Level HL3)
Oxygen Index	NF F 16-101/NF F 16-102/STM-S-001	I2 Passed (Requirement R22→Hazard Level HL3 Requirement R23→Hazard Level HL3)
Hydrolysis resistance	GME 00053	Passed
Thermal Aging	LV312-2	Passed (240 hrs at 175°C) Passed (3,000 hours at 150°C)
Hot water jet testing	LV312-3	Passed (No cracks or damage)
Fogging	VW 50180	Passed (≤ 2mg)
Emission	VW 50180	Passed (≤ 50µg C/G)
Flue gas density	DIN EN 45545-2 (EN ISO 4589-2)	Passed (Requirement R22→Hazard Level HL3 Requirement R23→Hazard Level HL3)