

Braided Hose

FITCOFLEX®-I-PET35

FITCOFLEX®-I-PET35 is a flexible and halogen-free braided hose with high surface coverage. It is made of ø25mm PET monofilaments and especially suitable for bundling and protection of industrial cabling and test harnesses requiring high temperature resistance.

FITCOFLEX®-I-PET35 allows universal application for a large number of different diameter ranges thanks to high expansion rate. It is resistant to the physical and chemical conditions prevailing in the automotive sector.

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

Standard colors: Black



Description	Nominal size	Field of application (mm)	
	(mm)	(Ø min)	(Ø max)
FITCOFLEX®-I-PET35 4	4	3	10
FITCOFLEX®-I-PET35 5	5	4	10
FITCOFLEX®-I-PET35 6	6	4	10,5
FITCOFLEX®-I-PET35 8	8	6	11
FITCOFLEX®-I-PET35 10	10	8	14
FITCOFLEX®-I-PET35 12	12	10	16
FITCOFLEX®-I-PET35 14	14	10	22
FITCOFLEX®-I-PET35 16	16	14	24
FITCOFLEX®-I-PET35 18	18	16	24
FITCOFLEX®-I-PET35 20	20	18	25
FITCOFLEX®-I-PET35 22	22	18	32
FITCOFLEX®-I-PET35 24	24	21	32
FITCOFLEX®-I-PET35 25	25	18	33
FITCOFLEX®-I-PET35 32	32	28	45
FITCOFLEX®-I-PET35 35	35	30	52
FITCOFLEX®-I-PET35 40	40	28	42
FITCOFLEX®-I-PET35 45	45	38	60
FITCOFLEX®-I-PET35 50	50	35	80
FITCOFLEX®-I-PET35 55	55	50	75
FITCOFLEX®-I-PET35 65	65	40	86
FITCOFLEX®-I-PET35 70	70	45	87
FITCOFLEX®-I-PET35 75	75	64	94
FITCOFLEX®-I-PET35 100	100	90	100

Special sizes on request

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FITCO® = trademark of GREMCO

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Packaging: On spools, cut lengths or printed tubing on request.
Special sizes on request.

Properties	Test Method	Typical Value
Mechanical		
Abrasion resistance	LV 312-3 (ISO 6722) PSA 9645870999E GME 8618	≥ 5,000 cycles (Class E) ≥ 7,000 cycles (Class 4) 144,000 strokes
Impact resistance	PSA D421245 LV 312-3	No damage (C/200/50/-30°C) No damage (700/1200g bei -40°C)
Shrinkage performance	ISO 6722	≤ 4%
Thermal		
Long term aging (240h x 175°C)	LV312-2	Pass
Short term aging (3.000h x 150° C)	LV312-2	Pass
Hot water jet test	LV312-3	Pass (No cracking or damage)
Flammability	FMVSS 302 (DIN 75200) Fire testing UL94 V ECE R118	Self-extinguishing (Category B) Flammability class S4 Classification: V2 Pass
Smoke toxicity	DIN EN 45545-2 (NF X 70-100)	Pass (requirement R22 -> Hazard Level HL3; requirement R23 -> Hazard Level HL3)
Smoke density	DIN EN 45545-2 (EN ISO 5659-2)	Pass (requirement R22 -> Hazard Level HL3; requirement R23 -> Hazard Level HL3)
Chemical		
Hydrolysis resistance	GME 00053	Pass
Oxygen index	DIN EN 45545-2 (EN ISO 5659-2)	Pass (requirement R22 -> Hazard Level HL3); requirement R23 -> Hazard Level HL3)
Fogging	VW 50180	Pass (≤ 2mg)
Emission	VW 50180	Pass (≤ 50µg C/G)