

Braided Hose

## FITCOFLEX<sup>®</sup>-H-B PA

Colored, self-extinguishing, halogen-free polyamide braided hose with 75% surface coverage.

### Application:

Automotive engineering, robots, mechanical and thermal protection, medical technology, aircraft construction, rail vehicle construction. Halogen-free and self-extinguishing, non-toxic in case of fire.

**Operating temperature:** -40°C to +160°C, short time +180°C

**Melting point:** Approx. +245°C

**Standard color:** Black / Grey  
Other colors on request



Description	Recommended field of application		Number of threads	Max. length (m)	Weight per 1.000m (kg)
	from Ø approx. (mm)	up to Ø approx. (mm)			
FITCOFLEX-H-B PA 2/3	1.5	5	40	about 660	3.28
FITCOFLEX-H-B PA 3/4	3	6	48	about 660	3.88
FITCOFLEX-H-B PA 4/5	3.5	8	64	about 660	5.31
FITCOFLEX-H-B PA 6/8	5	11	80	about 600	6.37
FITCOFLEX-H-B PA 10/12	7	15	120	400 – 450	9.58
FITCOFLEX-H-B PA 14/16	8	18	160	300 – 340	12.52
FITCOFLEX-H-B PA 16/26	16	26	192	340 – 360	14.93
FITCOFLEX-H-B PA 18/25	18	30	252	300 – 340	19.79
FITCOFLEX-H-B PA 30	24	36	288	300 – 340	21.81
FITCOFLEX-H-B PA 40/45	32	47	384	300 – 340	31.24
FITCOFLEX-H-B PA 50/55	32	58	480	300 – 340	36.94
FITCOFLEX-H-B PA 60/65	32	68	600	260 – 270	44.59
FITCOFLEX-H-B PA 80	32	85	720	210 – 250	57.92
FITCOFLEX-H-B PA 100	50	115	960	140 – 160	73.72

Special sizes on request

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**Packaging:** On spools, hot cut lengths in cardboard boxes.

Properties	Test Method	Typical Value
<b>Mechanical</b>		
Tensile strength	-	Approx. 2.1kg per single thread
Thread strength	-	0.27 ± 0.03mm
Bending radius	-	1mm
Coverage	-	Relaxed min. >75%, max. 95%
Specific weight	-	1,14kg/dm <sup>3</sup>
<b>Thermal</b>		
Flammability	FMVSS 302 1/16" DIN 75200 DIN 4102 B2 DIN 54333 – T1	Pass

**Test specifications:**

VDE II B / VDE 0304, Part 3 (5.70)  
 ABD001 & AIMT3.0005, FAR/JAR/CS 25  
 DIN 4102  
 DIN 65164  
 DIN 5510  
 (halogen-free, self-extinguishing and non-toxic)