

CanuFlex PE-HB

Braided sleeve

Multipurpose economic braided sleeve from polyester monofilaments for protection or bundling of cable, wires, pipes and hoses such as electrical harnesses, fluid pipes, air conditioning pipes.



Features and Benefits

- Very flexible
- Halogen free
- Highly expandable
- Lightweight but tough polyester monofilaments
- Push-back effect enables an easy application
- Resistant against chemicals and abrasion
- Self-extinguishing due to braided construction
- Continuous operating temperature: -50°C to 150°C

Standards

- Automotive OEM specifications

Typical Applications

- Cable bundling and protection
- Noise reduction
- Protection against abrasion

-50°C - 150°C
(-58°F to 302°F)

Continuous operating temperature

Markets:

Automotive, Industrial

Standards:



Highly expandable
Self-extinguishing due to braided construction

CanuFlex PE-HB

ORDER NUMBER	NOMINAL	EXPANDED	DELIVERY UNITS	
	INTERNAL DIAMETER	INTERNAL DIAMETER	SPOOL	MINI-SPOOL
	<i>mm (in)</i>	<i>mm (in)</i>	<i>m (ft)</i>	<i>m (ft)</i>
03	2.0 (0.079)	6.0 (0.236)	500 (1640)	100 (328)
05	5.0 (0.197)	10.0 (0.394)	500 (1640)	100 (328)
08	6.5 (0.256)	14.0 (0.551)	300 (984)	100 (328)
10	8.8 (0.346)	18.0 (0.709)	300 (984)	100 (328)
12	9.2 (0.362)	21.0 (0.827)	300 (984)	50 (164)
15	10.3 (0.406)	25.0 (0.984)	300 (984)	50 (164)
20	12.5 (0.492)	29.0 (1.142)	200 (656)	50 (164)
25	13.3 (0.524)	36.0 (1.417)	200 (656)	25 (82)
30	23.0 (0.906)	45.0 (1.772)	150 (492)	25 (82)
40	27.0 (1.063)	64.0 (2.520)	100 (328)	25 (82)
50	32.0 (1.260)	75.0 (2.953)	100 (328)	25 (82)
50	32.0 (1.260)	75.0 (2.953)	100 (328)	25 (82)

Ordering

- Select options:
 - Color: Black (BK), orange (OE), grey (GY)
- Please specify the product name, order number and options you require
- Example: Canuflex PE-HB, 08, black

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.

We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

For further information, please contact:

Americas: 800 422 6872
 Canada: 800 845 6808

Asia Pacific: +86 512 82280099
 Europe: +49 2226 9047 355

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Technical data

PROPERTY	CURRENT VALUES	TEST METHODS
MATERIAL		
Braid	Polyester PET (PE-HB), monofilament; halogen-, cadmium, halogen, silicone and formaldehyde free	n/a
Colour	black	n/a
Specific gravity	1.32 g/cm ³ max.	ASTM-D 792, A-I
Yarn diameter	0.22 mm	n/a
MECHANICAL		
Abrasion resistance	> 144,000	D44 1959
Tensile strength	50 MPa	n/a
Elongation	50 - 300 %	n/a
Modulus of elasticity	ca. 3,100 MPa	n/a
THERMAL		
Cold bend test	does not break at -40°C	ASTM-D 2671 Meth. C
Thermal ageing (240 h at 175°C)	no bursting or cracking	n/a
Combustion behaviour	passed	FMVSS 302
Withstand peaks	180°C	n/a
Continuous operating temperature	-50°C to 150°C	n/a
CHEMICAL		
Resistance against chemicals	good	n/a
Water absorption	0.1 % max.	VDE 0473
UV Resistance	good	n/a

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