



Braided Sleeve for Wiring harness

FG30 Expandable Braided Sleeve

Introduction

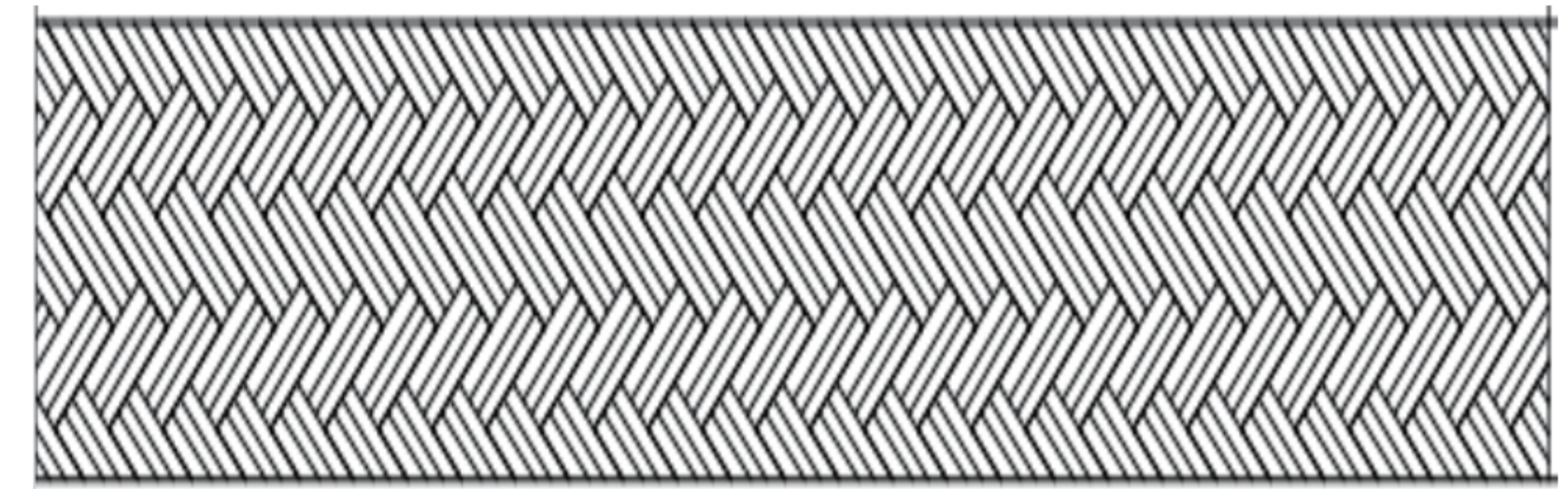
Made of polyester monofilament + nylon monofilament, one size can be applied to different application of protection, with the liquid flow in and out without accumulation, its tight woven mesh structure also has excellent wear resistance. Suitable for protection of wiring harness and pipeline system of traditional road vehicles and new energy vehicles.

Features

- Operating temperature: -50°C~150°C
- Flammability: FMVSS302
- Halogen-free, RoHS compliant
- Standard color: Black
- Smooth laser or hot knife cutting

Dimensions

Part No.	Flattening width		Expandable Range(mm)	
	inch	mm	min. (l)	max. (o)
FG30-003	1/8"	3	1	6
FG30-006	1/4"	6	3	9
FG30-008	5/16"	8	5	12
FG30-010	3/8"	10	7	17
FG30-012	1/2"	12	8	20
FG30-014	9/16"	14	9	24
FG30-016	5/8"	16	10	27
FG30-019	3/4"	19	14	30
FG30-025	1"	25	18	33
FG30-032	1-1/4"	32	20	50
FG30-038	1-1/2"	38	30	60
FG30-045	1-3/4"	45	35	75
FG30-050	2"	50	40	80
FG30-064	2-1/2"	64	45	105
FG30-076	3"	76	64	120



Notes:

- 1: Flattening width refers to the flat width of the braided sleeve in its natural state
- 2: Expandable Braided Sleeve has the function of expansion and shrink, and the tolerance of flattening width is large
- 3: Special packaging or color optional
- 4: For detailed product parameters, please refer to the product specification

Technical Data

Property	Test Method	Requirement
Melting point	ASTM D276	240°C~265°C
Fluid resistance	1h immersion at 23°C	Visual check, No deformation or dissolution on the surface
Heat Aging	150°C/240h	After testing, bend the sample around a tube that is 4 times the inner diameter of the product, no brittle cracks
Low-temperature flexibility	-50°C/4h	After testing, bend the sample around a tube that is 4 times the inner diameter of the product, no brittle cracks
Flammability	FMVSS302	100mm/min max.