

TECHNICAL DATA

VIDAFLEX® MONOFIL SB - Expandable Braided PET Sleevings

DESCRIPTION

Vidaflex® Monofil SB is an expandable close weave sleeving, produced from braided PET-monofilaments and texturised PET yarns.

The bore of Vidaflex® Monofil SB sleeveings are expandable up to 300% and the particular advantage is the good retention of roundness.

Vidaflex® Monofil SB sleeveings offer very good mechanical strength and also provide excellent resistance to salt water, oil, fuels and solvents, with good noise reduction properties.

Vidaflex® Monofil SB is self extinguishing and operates at temperatures within the range of -70°C to +120°C.

APPLICATIONS

Vidaflex® Monofil SB is used in motor vehicles for protection of hydraulic hoses, tubing and wiring harnesses, especially where cables are connected to moving parts and are constantly flexed.

Due to its special construction, Vidaflex® Monofil SB is specifically used to reduce noise/rattle produced from vibration.

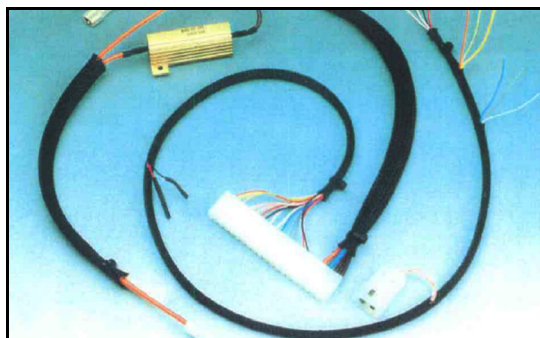
The open weave of the sleeving allows branch terminations to be made through the sleeve wall, which greatly speeds up the manufacturing process.

CUTTING

Vidaflex® Monofil PE should be cut using a hot wire in excess of 250°C. This method bonds the ends of the monofilaments and prevents fraying.

TYPICAL PROPERTIES

Construction	Braided PET monofilaments & texturised PET yarns
Operating temperature range	-70°C to +120°C
Melting temperature	250°C
Low temperature - remains flexible	-50°C
Chemical properties	Halogen free
Specific gravity	1.31
Moisture absorption after 24 hours	0.08%
Shrinkage @ 180°C	4%
Flammability test, UL224	VW-1



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STANDARD DIMENSIONS

Reference	Recommended Bore Size/ Maximum Expansion mm	Nominal Wall Thickness mm	Approximate Weight g/m
SB 1	2.0 - 6.0/12.0	0.25	3.5
SB 2	6.0 - 12.0/20.0	0.25	6
SB 3	10.0 - 14.0/27.0	0.25	5
SB 4	12.0 - 16.0/35.0	0.25	3.5

SUPPLY FORMATS

Reels	100 metres, others on request
Cut lengths	On request
Standard colours	Black