



322-3401

GREMFLEX® PBT AM-FR

TECHNICAL DATA SHEET

GREMFLEX® PBT AM-FR is a tubular Polyester PBT monofilaments braided sleeve with a continuous working temperature up to 150°C. and a very good resistance to most chemicals. The diameters are designed to meet British / USA requirements.

Its specially designed construction gives this sleeve an expansion of 1 : 3 making it very easy to install over bundles of cables and requiring only few references to cover a wide range.

The raw material used incorporates flame retardents and is rated VO by Underwriters Laboratories. Therefore the **GREMFLEX® PBT AM-FR** is used wherever flame (Underground, public transportation, aerospace telecommunications, and so on...) resistance is important.

Working temperature -50°C up to 150 °C

Standard colors Black with a white identification yarn

DIMENSION DATA

Reference	Nominal diameter (Inch)	Application range (Inch)		Packaging	
		Minimum	Maximum	(Coils - m)	(Reels - m)
GREMFLEX PBT AM - FR 320	1/8	3/32	1/4	100	500
GREMFLEX PBT AM - FR 640	1/4	1/8	3/8	100	400
GREMFLEX PBT AM - FR 950	3/8	3/16	5/8	50	300
GREMFLEX PBT AM - FR 1270	1/2	1/4	3/4	50	300
GREMFLEX PBT AM - FR 1910	3/4	1/2	1 1/4	25	200
GREMFLEX PBT AM - FR 3180	1 1/4	3/4	1 1/2	25	200
GREMFLEX PBT AM - FR 4450	1 3/4	1 1/4	2 3/4	25	150
GREMFLEX PBT AM - FR 5080	2	1 1/2	3	25	150





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Technical characteristics

PROPERTIES

Monofilament	PBT 0,22 mm
Expansion ratio	1 : 3
Melting Point	+225°C
Limiting Oxygen Index	34,7% (NF G07-128)
Maximum Working Temperature	150°C
Withstand Peaks	200°C
Minimum Working Temperature	-50°C
Flame resistance	Passes flame requirement of ISO 3795 and FMVSS 302 Passes FAR-26-853 I2 according to NF F16-101 VO-UL94
Fumes toxicity	Comply with CET DEC 26-0611
Chemical Resistance	Unaffected by most chemicals (Ask us for special environments)
