

322-3670



GREMFLEX® FR

TECHNICAL DATA SHEET

GREMFLEX FR : Expandable Sleeving with Flame Retarded Polyester Monofilaments

This Tubular braided sleeving is made of Polyester PBT (Polybutylene terephthalate) monofilaments. The raw material used, is treated with non-burning agents and is rated VO by the Underwriters Laboratories (under 1,60 mm). **GREMFLEX FR** increases cut-through and abrasion resistance of both dielectric and thermal insulation surfaces.

This series is to use wherever flame resistance is required. It can be : Telecommunication, Underground, Aerospace, Automotive industry, and so on...

With a continuous working temperature up to 150°C and a resistance to most chemicals, **GREMFLEX FR** can be used in rough conditions. Its expansion ratio of 1:2 enables very easy covering over bundles of cables

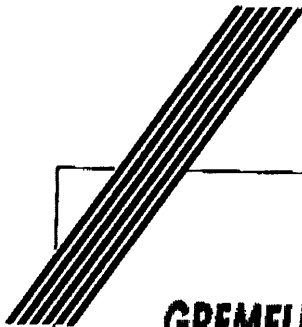
Working temperature - 50°C to +150°C

Standard colours Black sleeve with a Grey identification yarn.
Grey sleeve with a Black identification yarn.

Dimension Data

Nominal Diameter (mm)	Range of use advised	N° of Yarns	Weight Gr/100 m	Packaging Coils (M)
3	2 to 5	60	400	100
4	3 to 7	72	490	100
5	4 to 9	84	580	100
6	5 to 11	96	660	100
8	7 to 13	120	810	100
10	9 to 15	144	1040	50
12	11 to 17	168	1160	50
15	13 to 20	192	1380	50
20	18 to 25	256	2000	50
25	22 to 30	288	2400	50
30	27 to 40	384	3160	50
40	35 to 50	480	4200	50
50	45 to 60	600	4900	50





GREMFLEX® FR

Technical Characteristics

PROPERTIES

Monofilament	Polyester PBT - Size 0,22 mm
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 25-853 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)

PACKAGING

Coils fastened with ties under plastic wrapping and large spools are available.
GREMFLEX FR can be cut in short lengths for production programs.
Other packaging are also available upon request.

These figures are those of our standard GREMFLEX FR range. Please call us for special construction.



Page 1 of 3

FAO Sue / Farnell

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Date: 19/3/2002

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Manufacturers of terminated expandable braided sleeving, heat shrinkable tubing and related products, foam insulating tube, adhesive and potting resins for a wide range of electrical wiring and fluid conveyance systems in the automotive, defence, aerospace, telecommunications, electrical/electronics, transportation, power distribution and leisure markets. We specialise in limited Fire hazard Products Systems. Registered in England No. 3666126. VAT No. 728 7059 08

Reference :

Dear PBF FR 10 GY SOC

322.3670

Data sheets attached

Kind regards

ANDY LLEWELLYN

Gremco UK Limited