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# **GREMFLEX® PET**

## TECHNICAL DATA SHEET

## GREMFLEX PET: Polyester Monofilament expandable Sleeving

An economical answer to the installing, protecting, strengthening, enhancing, assembling over bundles, wires, cables and flexible pipings, this expandable braided sleeving is made of lightweight but tough polyester monofilaments.

The push back effect of this product gives the opportunity to cover a wide range of sizes with only few references. This particular push-back effect enables an easy application of **GREMFLEX PET**.

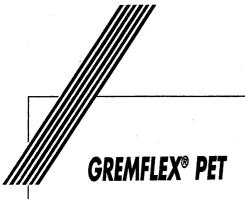
With a continuous working temperature of -50°C to +150°C and a resistance to most chemicals, GREMFLEX PET can be used in hostile conditions and is suitable for all industries. Moreover, GREMFLEX PET is self-extinguishing due to its braided construction.

Working temperature	- 50°C to +150°C			
Standard colours	Black - Grey	A THE COM		
Non standard colours	Upon request	WWW.BLS		



### **Dimension Data**

Nominal Diameter (mm)	Inside Diameter in mm		Range of use	Construction		Packaging
	Mini.	Maxi.	recommended	N° Yarns	Weight G/100 m	Coils M
COM						
3	2	6	1 TO 5	60	395	100
4	3	8	2TO7	72	445	100
5	4	10	3TO 9	84	515	100
6	5	12	4 TO 11	96	580	100
8	6	14	5 TO 12	120	770	100
10	8	18	7 TO 15	144	900	100
12	10	21	8 TO 17	168	1010	50
15	13	25	10 TO 21	192	1230	50
20	18	29	14 TO 25	216	1400	25
25	22	36	18 TO 32	288	1720	25
30	27	45	20 TO 40	360	2160	25



## Technical Characteristics

#### **PROPERTIES**

Monofilament Polyester - Size 0,22 mm

Melting Point + 250 °C

Limiting Oxygen Index 34%

Maximum Working Temperature 150°C

Withstand Peaks 220°C

Minimum Working temperature -50°C

Flame resistance Passes flame requirement of CEI 332-1

and FMVSS 302 (Type A) 12 according to NF F 16-101

Fumes Toxiciy Passes CEI 754-1 nd CEI 754-2

Halogen Free

Fumes Opacity Passes NF C 20452 (polymer)

Chemical Resistance Unaffected by most chemicals

(call us for special environments)

### **PACKAGING**

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

The aforementioned data covers our standard GREMFLEX PET range. Please call us for special constructions.