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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

**Non standard colours** Upon request

### **Dimension Data**

Nominal Diameter (mm)	Inside Diameter in mm		Range of use recommended	Construction		Packaging Coils M
	Mini.	Maxi.		N° Yarns	Weight G/100 m	
3	2	6	1 TO 5	60	395	100
4	3	8	2 TO 7	72	445	100
5	4	10	3 TO 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
40	35	64	30 TO 55	480	2870	25
50	45	75	40 TO 65	600	3960	25





# **GREMFLEX® PET**

## **Technical Characteristics**

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### **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) I2 according to NF F 16-101
Fumes Toxicity	Passes CEI 754-1 and CEI 754-2 Halogen Free
Fumes Opacity	Passes NF C 20452 (polymer)
Chemical Resistance	Unaffected by most chemicals (call us for special environments)

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### **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.

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