

# GREMFLEX® PET

## TECHNICAL DATA SHEET

**GREMFLEX® PET:** Polyester monofilament expandable sleeving.

This expandable braided sleeving, made of lightweight but tough polyester monofilaments, offers an economical answer to installing, protecting, strengthening, enhancing and assembling over bundles, wires, cables and flexible piping.

The push back effect of **Gremflex® PET** enables it to cover a wide range of sizes with only few references and allows for easy application.

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

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**Working temperature** -50°C up to +150°C

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**Standard colours** Black, grey.

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**Non-standard colours** Upon request.

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## DIMENSION DATA

Reference Gremflex	Size	Range of use advised (mm)	Expansion Ø maxi (**) (mm)	Weight (*) g / 100 m
PET 3	3	1 up to 5	7	395
PET 4	4	2 up to 7	9	445
PET 5	5	3 up to 9	12	515
PET 6	6	4 up to 11	14	580
PET 8	8	5 up to 12	17	770
PET 10	10	7 up to 15	22	900
PET 12	12	8 up to 17	24	1010
PET 15	15	10 up to 21	27	1230
PET 20	20	14 up to 25	32	1400
PET 25	25	18 up to 32	38	1720
PET 30	30	20 up to 40	48	2160
PET 40	40	30 up to 55	67	2870
PET 50	50	40 up to 65	78	3960

(\*) Indicative weight for 100 meters.

(\*\*) Indicative diameter, to follow in case of important variations of sections on the part to be protected.



# GREMFLEX<sup>®</sup> PET

## TECHNICAL CHARACTERISTICS:

	Standard Requirements	Test Methods
<b>PHYSICAL</b>		
Monofilament	Polyester – Size : 0,22 mm	
Working temperature	-50°C up to +150°C	
Withstand peaks	+220°C	
Melting point	+250°C	
Flame resistance	Pass	Flame requirements of: CEI 332-1 and FMVSS 302 (Type A). I2 according to NF F16-101.
<b>CHEMICAL</b>		
Oxygen index limit	34%	
Fume toxicity	Pass	CEI 754-1 and CEI 754-2. Halogen-free.
Fume opacity	Pass	NF C 20452 (Polymer).
Chemical resistance	Unaffected by most chemicals (Contact us for special environments)	
<b>CUTTING</b>		
Couplers or lengths.		
Lengths with <b>Gremfix<sup>®</sup> system</b> (See technical data sheet) pre-installed on one or both ends.		
<b>PACKAGING</b>		
Coils fastened with ties under plastic wrapping.		

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.