

GREMFLEX® PET 025

TECHNICAL DATA SHEET

GREMFLEX® PET 025: Customized polyester monofilament expandable sleeving available in different colours.

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 025** 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 025** can be used in hostile conditions and is suitable for all industries. Moreover, it is self-extinguishing due to its braided construction.

Working temperature

-50°C up to +150°C

Standard colours

Black, grey.

Standard colours upon request

Green, yellow, blue, white, red.

Non-standard colours

Purple, signal green, sunshine yellow, royal blue, rocket red, hot pink, yellow/black striped.

DIMENSION DATA



Reference Gremflex®	Size	Range of use advised (mm)	Construction	
			N° of yarns	Weight g / 100 m (±10%)
PET 025-3	3	1,5 up to 7	32	250
PET 025-4	4	3 up to 14	48	370
PET 025-6	6	5 up to 9	72	560
PET 025-10	10	8,5 up to 15	108	830
PET 025-12	12	10 up to 20	144	1100
PET 025-18	18	14 up to 30	192	1460
PET 025-20	20	16 up to 35	216	1700
PET 025-30	30	27 up to 45	288	2300
PET 025-38	38	33 up to 55	384	2940
PET 025-48	48	43 up to 85	480	3610
PET 025-62	62	57 up to 80	600	4670
PET 025-75	75	65 up to 98	720	5760

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TECHNICAL CHARACTERISTICS:

	Standard Requirements	Test Methods
PHYSICAL		
Monofilament	Polyester – Size : 0,25mm	
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.
CHEMICAL		
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)	

CUTTING

Couplers or lengths.

Lengths with **Gremfix® system** (see *technical data sheet*) pre-installed on one or both ends.

PACKAGING

The above data applies to our standard **Gremflex® PET 025** range.

Please contact us for custom requirements.

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.