

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.

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

Standard colours Black, grey.

Non-standard colours Upon request.

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[®] PET

TECHNICAL CHARACTERISTICS:

| | Standard Requirements | Test Methods |
|--|---|---|
| PHYSICAL | | |
| 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. |
| 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 | | |
| 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.

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