

GREMFLEX® SZ

TECHNICAL DATA SHEET

GREMFLEX® SZ is an expandable braided sleeve used to reduce noise generated by vibrating bundles of cables and metal pipes installed in confined or inaccessible areas of all vehicles. The special construction also provides mechanical protection and easily expands when pushed back during installation. It then 'springs back' to form a close fit on the cable or pipe. The constant axial compression ensures the sleeve conforms to the substrate and remains in position.

Gremflex® SZ is a composite braid made of PET-polyester monofilament which provides the spring-back effect and PA-polyamide multifilament textured yarns, which create the soft touch that cushions vibration and absorbs noise.

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

Standard colour Black.

Non-standard colours Upon request.



DIMENSION DATA

| Reference Gremflex® | Inside diameter (in mm) | | Weight g / 100 m (±10%) |
|------------------------|-------------------------|------------------------|-------------------------------|
| | Maxi. | Range of use advise | |
| SZ 09 | 9,00 | 2 à 6 | 400 |
| SZ 19 | 19,00 | 6 à 14 | 800 |
| SZ 29 | 29,00 | 14 à 24 | 1230 |
| SZ 39 | 39,00 | 24 à 34 | 1650 |

GREMFLEX® SZ

TECHNICAL CHARACTERISTICS:

CONSTRUCTION

| Reference Gremflex® | 3 monofilaments polyester system | | Multifilaments polyamide 6.6 system | |
|------------------------|----------------------------------|----------------|-------------------------------------|----------------|
| | Number of yarns | Resistance (N) | Number of systems | Resistance (N) |
| SZ 09 | 48 | 2,2 | 8 | 3,3 |
| SZ 19 | 96 | 2,2 | 16 | 3,3 |
| SZ 29 | 144 | 2,2 | 24 | 3,3 |
| SZ 39 | 192 | 2,2 | 32 | 3,3 |

Standard Requirements Test Methods

PHYSICAL

| | | | |
|---------------------|--------------------|------------------|--|
| Working temperature | -50°C up to +150°C | | |
| Withstand peaks | +220°C | | |
| Melting point | +250°C | | |
| Flame resistance | Self-extinguishing | UL224, FMVSS 302 | |

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 and 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.