

# ***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.

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

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**Standard colour** Black.

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**Non-standard colours** Upon request.

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## **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

# GREMFLIX® 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.