

# ***GREMFLEX® PET-AM***

## **TECHNICAL DATA SHEET**

**GREMFLEX® PET-AM** : Tubular polyester monofilament braided highly expandable sleeving.

Thanks to its high expansion ratio of 1:3, the **Gremflex® PET-AM** is very quick and easy to install, and enables low inventory costs since only a few references are required to cover a wide range of harness configurations. The diameters are designed to meet UK and USA requirements.

**Gremflex® PET-AM** is self-extinguishing and commonly used with continuous temperatures up to +150°C and can withstand peaks up to +220°C.

**Fields of application** : Mechanical protection and organising cable harnesses.

Use under hostile conditions and in all industrial applications.

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

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**Standard colours** Black.

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**Non-standard colours** Upon request.

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## **DIMENSION DATA**

Reference Gremflex®	Nominal diameter (in mm)	Application range	
		Mini.	Maxi.
PET - AM	3,2	2,4	6,4
PET - AM	6,4	3,2	9,5
PET - AM	9,5	4,8	15,0
PET - AM	12,7	6,4	19,1
PET - AM	19,1	12,7	31,8
PET - AM	31,8	19,1	38,1
PET - AM	44,5	31,8	62,6
PET - AM	50,8	38,1	76,2

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## **TECHNICAL CHARACTERISTICS:**

	<b>Standard Requirements</b>	<b>Test Methods</b>
<b>PHYSICAL</b>		
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 (Consult us for special environments)	

## **CUTTING**

**Gremflex® PET-AM** can be cut in short lengths for production programmes.

## **PACKAGING**

Coils fastened with ties under plastic wrapping and large spools.

Other packaging available upon request.

*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.*