

# ***GREMFLEX® PLA6.6***

## **TECHNICAL DATA SHEET**

**GREMFLEX® PLA6.6:** Expandable sleeving with polyamide 6.6 monofilaments.

Two series of tubular sleeving made of flat polyamide 6.6 monofilaments for wiring and shielding applications. **Gremflex® PLA6.6** covers cables easily, can be used in hostile conditions (temperature, humidity, mechanical constraints, etc.) and is consequently used in most industries.

With a continuous working temperature of -60°C up to 160°C, **Gremflex® PLA6.6** is also self-extinguishing thanks to the raw materials in its weaved construction.

2 different kinds of braiding are available:

**Gremflex® PLA6.6-U:** For shielding; specially made for enhanced protection against abrasion.

**Gremflex® PLA6.6-P:** For wiring; specially used to cover harnesses with multiple Ins and Outs.

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**Working temperature** -60°C up to +160°C

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**Standard colours** Black, grey.

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**Non-standard colours** Upon request.

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## **DIMENSION DATA**



Reference Gremflex®	Inside diameter (mm)		Range of use advised (mm)		Weight g / 100 m (±10%)
	Nominal	Expanded	Mini.	Maxi.	
<b>Serie U</b>					
16 U	3,5	8,5	3	8	883
24 U	6,5	15,0	5	14	1316
32 U	9,5	20,0	8	19	1850
40 U	13,0	26,0	11	24	2395
48 U	16,0	32,5	14	30	2872
<b>Serie P</b>					
16 P	4,5	10,5	3	10	889
24 P	7,5	17,0	6	16	1337
32 P	11,5	23,0	9	22	1879
40 P	16,0	32,5	13	30	2367
48 P	19,0	41,0	16	38	2880

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## **TECHNICAL CHARACTERISTICS:**

	<b>Standard requirements</b>	<b>Test methods</b>
<b>PHYSICAL</b>		
Monofilament	Polyamide 6.6	
Working temperature	-60°C up to +160°C	
Withstand peaks	+200°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	42,3%	
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)	
<b>CUTTING</b>		
Couplers or lengths.		
Lengths with <b>Gremfix® system</b> (see technical data sheet) pre-installed on one or both ends.		
<b>PACKAGING</b>		
Spool or coil.		

*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.*