

# ***GREMFLEX® PA6.6***

## **TECHNICAL DATA SHEET**

**GREMFLEX® PA6.6:** Polyamide 6.6 monofilament expandable sleeving.

**Gremflex® PA6.6** is tubular expandable braided sleeving made of Polyamide 6.6 monofilaments. It is easy to place over cables and can be used in hostile conditions (temperature, humidity, mechanical constraints, etc.) and is consequently useful in most industries.

With a continuous working temperature of -60°C up to +160°C, **Gremflex® PA6.6** is also self-extinguishing because of the raw materials used in its weaved construction.

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

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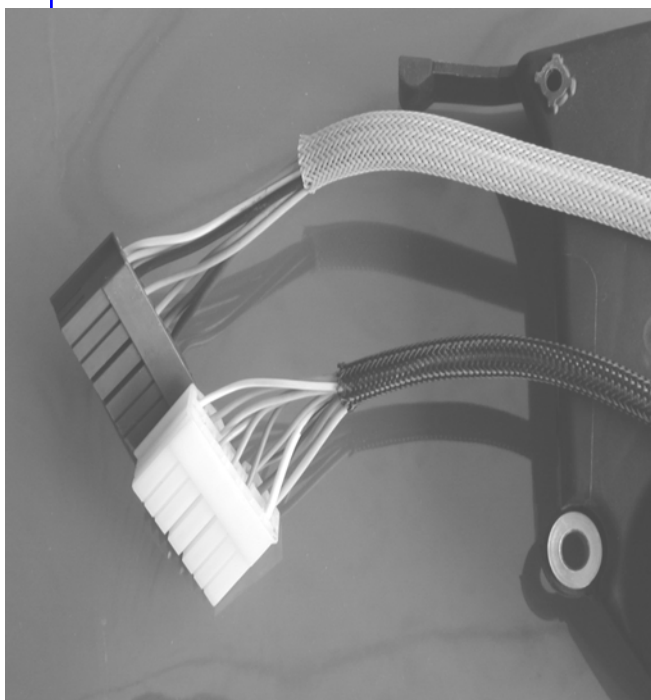
**Standard colours** Black, grey.

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**Non-standard colours** Upon request.

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## **DIMENSION DATA**



| Reference Gremflex® | Size | Range of use advise (in mm) | Construction |                         |
|---------------------|------|-----------------------------|--------------|-------------------------|
|                     |      |                             | N° of yarns  | Weight g / 100 m (±10%) |
| PA6.6               | 3    | 2 to 4                      | 48           | 400                     |
| PA6.6               | 4    | 3 to 6                      | 60           | 520                     |
| PA6.6               | 5    | 3 to 7                      | 72           | 600                     |
| PA6.6               | 6    | 4 to 8                      | 84           | 665                     |
| PA6.6               | 8    | 5 to 10                     | 96           | 750                     |
| PA6.6               | 10   | 7 to 12                     | 120          | 970                     |
| PA6.6               | 12   | 8 to 14                     | 144          | 1220                    |
| PA6.6               | 14   | 10 to 16                    | 160          | 1400                    |
| PA6.6               | 16   | 12 to 18                    | 192          | 1600                    |
| PA6.6               | 20   | 15 to 23                    | 224          | 1890                    |
| PA6.6               | 25   | 18 to 28                    | 256          | 2200                    |
| PA6.6               | 30   | 25 to 32                    | 288          | 2800                    |
| PA6.6               | 40   | 30 to 44                    | 384          | 3600                    |
| PA6.6               | 50   | 40 to 55                    | 480          | 4700                    |
| PA6.6               | 60   | 50 to 65                    | 600          | 5900                    |

# ***GREMFLEX® PA6.6***

## **TECHNICAL CHARACTERISTICS:**

|                       | <b>Standard Requirements</b>  | <b>Test Methods</b>   |
|-----------------------|---|---|
| <b>PHYSICAL</b>       |   |   |
| Working temperature   | -60°C up to +160°C  |   |
| Withstand peaks       | +200°C  |   |
| Melting point         | +255°C  |   |
| Flame resistance      | Passes  | Flame requirements of:<br>CEI 332-1 and FMVSS 302<br>FAR 25-853 |
| <b>CHEMICAL</b>       |   |   |
| Limiting oxygen index | 42,3%   | NF G07-128  |
| Fume toxicity         | Pass  | CEI 754-1 and CEI 754-2.<br>Halogen-free.                       |
| Fume opacity          | Pass  | NF C 20452 (Polymer).   |
| Chemical resistance   | Unaffected by most chemicals<br>(Consult us for special environments) |   |

## **CUTTING**

**Gremflex® PA6.6** can be cut in short lengths for production programmes.

## **PACKAGING**

Coils fastened with ties under plastic wrapping.

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.*