



## Features/Applications

GREMTUBE® GCPT is a dual wall, irradiated Polyolefin heat shrink tubing, with black mastic adhesive. GREMTUBE® GCPT offers good mechanical properties and an efficient protection against water, moisture and chemicals.

GREMTUBE® GCPT is suitable for protecting metal pipes against corrosion as well as for insulating low voltage (up to 1kV) cables and accessories.

## Various

Standard colours: Black.

Special sizes available on request.



## Dimensions



| Reference<br><i>GREMTUBE® GCPT</i> | As supplied<br>(mm)         | After recovery<br>(mm)      |                            | Standard Length<br>(m) |
|------------------------------------|-----------------------------|-----------------------------|----------------------------|------------------------|
|                                    | Inside Diameter<br>min. (D) | Inside Diameter<br>Max. (d) | Wall Thickness<br>Nom. (t) |                        |
| 033,0                              | 33                          | 10,0                        | 3,00                       | 1,5                    |
| 037,0                              | 37                          | 12,0                        | 2,90                       | 1,5                    |
| 045,0                              | 45                          | 22,0                        | 2,90                       | 1,5                    |
| 055,0                              | 55                          | 22,0                        | 3,30                       | 1,5                    |
| 075,0                              | 75                          | 25,0                        | 3,30                       | 1,5                    |
| 080,0                              | 80                          | 28,0                        | 3,30                       | 1,5                    |
| 095,0                              | 95                          | 36,0                        | 3,30                       | 1,5                    |
| 115,0                              | 115                         | 40,0                        | 3,30                       | 1,5                    |
| 140,0                              | 140                         | 60,0                        | 3,50                       | 1,5                    |
| 160,0                              | 160                         | 60,0                        | 3,50                       | 1,5                    |
| 175,0                              | 175                         | 75,0                        | 3,50                       | 1,5                    |
| 210,0                              | 210                         | 75,0                        | 3,50                       | 1,5                    |
| 230,0                              | 230                         | 100,0                       | 3,50                       | 1,5                    |
| 270,0                              | 270                         | 100,0                       | 3,80                       | 1,5                    |
| 300,0                              | 300                         | 100,0                       | 3,80                       | 1,2                    |

• Cut pieces available on request



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the last release!

## Property

|                   |                             | Values                  | Test Methods |
|-------------------|-----------------------------|-------------------------|--------------|
| <b>Physical</b>   | Working temperature         | -55°C to +110°C         | -            |
|                   | Tensile strength            | Unaged                  | ≥ 12 MPa     |
|                   | Elongation at break         |                         | ≥ 300%       |
|                   | Tensile strength            | Aged 168h @ 136°C       | ≥ 10 MPa     |
|                   | Elongation at break         |                         | ≥ 200%       |
|                   | Heat shock                  | 4h @ 200°C              | No cracking  |
|                   | Low-temperature flexibility | 4h @ -55°C              | No cracking  |
|                   | Water absorption            | 24h @ 23°C              | ≤ 0,5%       |
| <b>Electrical</b> | Dielectric strength         | ≥ 15 kV/mm              | ASTM D 2671  |
|                   | Volume resistivity          | ≥ 10 <sup>14</sup> Ω.cm | ASTM D 2671  |
| <b>Chemical</b>   | Copper Corrosion            | No corrosion            | ASTM D 2671  |

**Recommended storage conditions:** Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed container.

Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.

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