



## Features/Applications

GREMTUBE® GLST is a highly flexible, low shrink temperature, halogen free, flame retardant, irradiated Polyolefin heat shrink tubing.

GREMTUBE® GLST offers improved installation time and therefore reduces potential damage to sensitive components.

GREMTUBE® GLST is suitable for electrical insulation, strain relief, bonding of cables and connectors and is widely used for joints and terminations of temperature sensitive components.

## Various

Standard colours: Black.

Special sizes and colours are available on request.



## Dimensions



| Reference<br><i>GREMTUBE® GLST</i> | As supplied<br>(mm)         | After full recovery<br>(mm) |                            | Standard Length<br>(m/spool) |
|------------------------------------|-----------------------------|-----------------------------|----------------------------|------------------------------|
|                                    | Inside Diameter<br>Min. (D) | Inside Diameter<br>Max. (d) | Wall Thickness<br>Min. (t) |                              |
| 000,8                              | 0,80                        | 0,45                        | 0,27                       | 100                          |
| 001,5                              | 1,85                        | 0,80                        | 0,27                       | 100                          |
| 002,0                              | 2,35                        | 1,00                        | 0,30                       | 100                          |
| 003,0                              | 3,35                        | 1,50                        | 0,34                       | 100                          |
| 004,8                              | 4,30                        | 2,40                        | 0,34                       | 100                          |
| 006,4                              | 5,90                        | 3,20                        | 0,38                       | 100                          |
| 009,5                              | 8,90                        | 4,80                        | 0,47                       | 100                          |
| 012,7                              | 11,90                       | 6,40                        | 0,50                       | 100                          |
| 019,1                              | 18,30                       | 9,50                        | 0,65                       | 100                          |
| 025,4                              | 24,40                       | 12,50                       | 0,73                       | 50                           |
| 031,8                              | 30,80                       | 15,90                       | 0,80                       | 50                           |
| 038,1                              | 36,50                       | 19,00                       | 0,85                       | 50                           |
| 050,8                              | 48,80                       | 25,00                       | 0,85                       | 50                           |
| 060,0                              | 59,80                       | 31,00                       | 0,75                       | 50                           |

• Spools as standard, cut pieces are available on request

## Property

|            |                     | Values                  | Test Methods |
|------------|---------------------|-------------------------|--------------|
| Physical   | Working temperature | -55°C to +125°C         | -            |
|            | Longitudinal change | ± 5%                    | -            |
|            | Tensile strength    | Unaged                  | ≥ 10,4 MPa   |
|            | Elongation at break |                         | ≥ 200%       |
|            | Tensile strength    | Aged (168h @ 158°C)     | ≥ 7,3 MPa    |
|            | Elongation at break |                         | ≥ 100%       |
|            | Heat shock          | 4h @ 250°C              | No cracking  |
|            | Flammability        | VW-1                    | UL 224       |
| Electrical | Dielectric strength | ≥ 15 kV/mm              | ASTM D 2671  |
|            | Volume resistivity  | ≥ 10 <sup>14</sup> Ω.cm | ASTM D 2671  |



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**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.