

GES

Extruded silicone tube

Standards*

- Compliant with directive RoHS 2011/65/EU
- NF EN 60684-1 (10-2003)
- NF EN 60684-2 (07-2012)
- NF EN 60684-3 sheets 121 to 124 (12/2003)

Applications



Colours and packagings

- Manufactured diameters : 0.6 to 60 mm
- Standard colour : Transparent
- Other colours : Availables on request
- Standard packaging : Rolls (on request : in bobins or cut according to wished size)

Characteristics

- Continuous working temperature : from -50°C to +200°C
- Tearing resistance : 18 to 27 N/mm (ASTM D 624 B)
- Elongation at break : 350 to 700% (DIN 53504)
- Resistance at break : 8 a 12 N/mm² (DIN 53504)
- Hardness : 40 to 80 SH A (DIN 53504)
- Density : 1.12 to 1.22 g/cm³ (EN ISO 1183-1 A)
- Not toxic for food products and physiological liquids
- Good resistance to :
 - Atmospheric agents
 - Ozone
 - Low temperature : keeps its flexibility
 - Non-concentrated acids
 - Bases
 - Water and sea water
 - Ethylene oxide 100% during 3 days at 24°C
 - Warm air up to 200°C

**Our products pass all or parts of requirements for the above-mentioned standards. The technical information written on our datasheets correspond to the most recent knowledges we have on those products, but the user is not exempted to verify the performances in the real particular context of application.*



Dimensions and tolerances for sleeving GES

| Inner diameter (mm) | External diameter (mm) | Tolerances (mm) | Wall thickness (mm) |
|---------------------|------------------------|-----------------|---------------------|
| 0,5 | 1,2 | +/- 0.2 mm | 0,35 |
| 0,8 | 1,6 | +/- 0.2 mm | 0,4 |
| 1 | 1,8 | +/- 0.2 mm | 0,4 |
| 1,5 | 2,3 | +/- 0.2 mm | 0,4 |
| 1,7 | 2,5 | +/- 0.2 mm | 0,4 |
| 2 | 3 | +/- 0.2 mm | 0,5 |
| 2,5 | 3,5 | +/- 0.2 mm | 0,5 |
| 3 | 4 | +/- 0.2 mm | 0,5 |
| 4 | 5 | +/- 0.3 mm | 0,5 |
| 4,5 | 5,5 | +/- 0.35 mm | 0,5 |
| 5 | 6 | +/- 0.35 mm | 0,5 |
| 6 | 7 | +/- 0.35 mm | 0,5 |
| 7 | 8 | +/- 0.4 mm | 0,5 |
| 8 | 9 | +/- 0.4 mm | 0,5 |
| 9 | 10 | +/- 0.4 mm | 0,5 |
| 10 | 11 | +/- 0.4 mm | 0,5 |
| 12 | 13,2 | +/- 0.5 mm | 0,6 |
| 14 | 15,2 | +/- 0.5 mm | 0,6 |
| 16 | 18 | +/-0.7 mm | 1 |
| 18 | 20 | +/-0.7 mm | 1 |
| 20 | 22 | +/-0.7 mm | 1 |
| 22 | 24 | +/-0.7 mm | 1 |
| 24 | 26 | +/-0.7 mm | 1 |
| 26 | 28 | +/-0.7 mm | 1 |
| 28 | 30 | +/-0.7 mm | 1 |
| 31,7 | 34,9 | +/-0.7 mm | 1,6 |
| 38,1 | 41,3 | +/-0.7 mm | 1,6 |
| 44,5 | 48,5 | +/-0.7 mm | 2 |
| 50,8 | 54,9 | +/-0.7 mm | 2,05 |
| 54 | 58 | +/-0.7 mm | 2 |
| 96 | 100 | +/-0.7 mm | 2 |

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