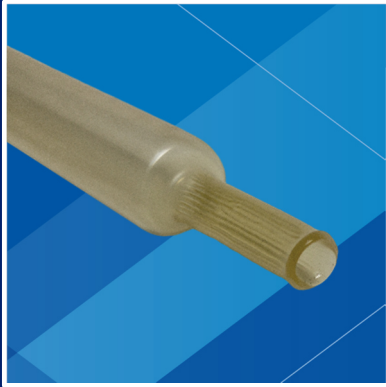


HEAT-SHRINKABLE TUBING

HTS-W3C (3x)

SUMITUBE®, Made of Polyolefin, Inside Adhesive, Thin-walled, Flexible, Transparent



Highlights

- Operating temperature - 55 °C to 105 °C
- Excellent sealing due to inside adhesive
- Flexible
- Visual control after shrinkage is possible
- High shrink rate 3:1
- Shrink temperature 110 °C
- RoHS and REACH conform

Dimensions

| Art.-No. | Before Shrinkage (mm) | | After Shrinkage (mm) | | Standard Packaging | |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|---------|
| | Inch | Inner Diameter (min.) | Inner Diameter (max.) | Wall Thickness (nom.) | Cut Lengths (m) | Box (m) |
| Z85601 | 1/8 | 3.20 | 0.6 | 0.95 | 1.20 | 600 |
| Z85602 | 3/16 | 4.80 | 1.5 | 1.10 | 1.20 | 300 |
| Z85603 | 1/4 | 6.40 | 2.0 | 1.20 | 1.20 | 300 |
| Z85604 | 3/8 | 9.50 | 3.0 | 1.30 | 1.20 | 150 |
| Z85606 | 1/2 | 12.70 | 4.0 | 1.40 | 1.20 | 150 |
| Z85605 | 3/4 | 19.10 | 8.0 | 0.80 | 1.20 | 90 |
| Z85607 | 1 | 25.4 | 10.2 | 0.80 | 1.20 | 90 |

Created by: VS 20.11.2020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

HEINRICH THULESIUS GMBH & CO. KG
Zum Panrepel 15, D-28307 Bremen, GERMANY



SERVICE

Tel: +49 (0) 421-4895-0
Fax: +49 (0) 421-4895-225
E-Mail: info@thulesius.de
www.thulesius.de

HEAT-SHRINKABLE TUBING

HTS-W3C (3x)

SUMITUBE[®], Made of Polyolefin, Inside Adhesive, Thin-walled, Flexible, Transparent

Technical characteristics

| Property | Test | Inspection Requirements | Typical Values |
|------------|--|--|---------------------------|
| Physical | Longitudinal change by shrinking | SAE-AS23053, -15% to 5% | -7% |
| | Tensile strength | ASTM D 638, min. 10.4 MPa | 19 MPa |
| | Elongation at break | ASTM D 638, min. 200% | 420% |
| | Secant modulus | ASTM D 882, max. 173 MPa | 125 MPa |
| Thermal | Operating temperature | | -55 °C to 105 °C |
| | Min. Shrink Temperature | For complete shrinkage | 110 °C |
| | Elongation after thermal ageing (136 °C x 168 h) | SAE-AS23053, Min. 100% | 400% |
| | Low temperature flexibility (-55 °C x 4 Std.) | SAE-AS23053, no cracks | Passed |
| | Heat shock (200 °C x 4 h) | SAE-AS23053, no cracks | Passed |
| Chemical | Water absorption | ASTM F 570, max. 1.0% | 0.2% |
| Electrical | Nominal voltage | | 600V |
| | Breakdown test (2.5kV x 60 sec.) | SAE-AS23053, no breakdown | Passed |
| | Volume resistance | ASTM D 876, min. 10 ¹² Ω/cm | 3 x 10 ¹⁴ Ω/cm |
| | Dielectric strength | ASTM D 876, min. 11.8kV/mm | ≥ 20 kV/mm |

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Fax: +49 (0) 421-48 95-225
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www.thulesius.de

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