

HEAT-SHRINKABLE TUBING

HTS-SCM2

SUMITUBE®, Made of Polyolefin, Medium-walled with adhesive, Halogen free



Highlights

- Operating temperature - 55 °C to 110 °C
- Shrinks very fast!
- High shrink rate 3:1
- Excellent sealing properties
- For applications up to 1kV (Low voltage trimmings)
- Low shrink temperature 90 °C
- Medium-walled
- Printed
- RoHS and REACH conform
- Norms: ASTM, IEC, ISO 37

Dimensions

Art.-No.	Before Shrinkage (mm)		After Shrinkage (mm)		Standard Packaging	
	Size	Inner Diameter (min.)	Inner Diameter (max.)	Wall Thickness (nom.)	Cut Lengths (m)	Box (m)
Z85723	04	10.2	3.80	1.50	1.20	120
Z85724	07	19.0	5.60	2.00	1.20	120
Z85731	11	28.0	9.50	2.00	1.20	60
Z85725	13	33.0	10.2	2.00	1.20	60
Z85732	15	38.1	12.7	2.30	1.20	48
Z85726	17	44.0	14.0	2.30	1.20	48
Z85727	20	52.1	18.2	2.30	1.20	30
Z85728	27	70.0	25.5	2.30	1.20	30
Z85729	35	90.0	30.0	2.50	1.20	18
Z85730	50	125.0	40.0	2.50	1.20	24

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

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**SUMITOMO
ELECTRIC
GROUP**

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Technical characteristics

Property	Test	Inspection Requirements	Typical Values
Physical	Longitudinal change	IEC, +5% to -10%	-5%
	Tensile strength	ASTM D 638, min. 10.0 MPa	≥ 20 MPa
	Elongation at break	ASTM D 638, min. 350%	≥ 500%
Thermal	Operating temperature	-55 °C bis 120 °C	-55 °C bis 120 °C
	Min. Shrink temperature	For complete shrinkage	120 °C
	Shrinkage begins at		65 °C
	Low temperature flexibility (-55 °C x 1 h)	ASTM D 2671, no cracks	Passed
	Elongation after thermal aging (150°C x 168 h)	ASTM D 638, min. 300%	Passed
Chemical	Tensile strength after thermal aging (150°C x 168 h)	ASTM D 638, min. 8.0 MPa	Passed
	Corrosion (150°C x 16 h)	ASTM D 2671, no corrosion	Passed
	Water absorption	ASTM D 570, max. 0,15%	≤0.06%
Electrical	Volume resistance	ASTM D 876, min. 10 x 10 ¹³ Ω/cm	2.0 x 10 ¹⁴ Ω · cm
	Dielectric strength	IEC 243, min. 15.0kV/mm	≥ 20kV/mm
	Voltage constant	IEC 250, max. 5.0	3 to 4
Other Properties	Weather resistance		Contains carbon black to protect against UV light
	Shrink temperature		Min. 120 °C Max. 170 °C

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