

# HEAT-SHRINKABLE TUBING

## HTS-A4

SUMITUBE®, Made of Polyolefin, Thin-walled, Flexible, Halogen free



### Highlights

- Operating temperature - 55 °C to 105 °C
- Inexpensive
- Halogen free
- Long shelf life, even at higher storage temperature
- Shrink rate 2:1
- Not self-extinguishing
- Shrink temperature: 115 °C
- Colour: black
- 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.)	Spool (m)	Box (m)
Z85001	3/64	1.20	0.60	0.33	300	900
Z85002	1/16	1.60	0.80	0.36	300	900
Z85003	3/32	2.40	1.20	0.44	150	900
Z85004	1/8	3.20	1.60	0.44	150	900
Z85005	3/16	4.80	2.40	0.44	60	600
Z85006	1/4	6.40	3.20	0.56	60	300
Z85007	3/8	9.50	4.80	0.56	60	300
Z85008	1/2	12.70	6.40	0.56	60	300
Z85009	3/4	19.10	9.50	0.69	60	180
Z85010	1	25.40	12.70	0.77	60	180
Z85011	1-1/2	38.10	19.10	0.89	60	180
Z85012	2	50.80	25.40	0.99	60	120

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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## HTS-A4

SUMITUBE<sup>®</sup>, Made of Polyolefin, Thin-walled, Flexible, Halogen free, Transparent

### Technical Characteristics

Property	Test	Inspection requirements	Typical values
Physical	Longitudinal change	JIS C 2133, -5% ± 10%	-8%
	Density	ASTM D 792	0,95
	Tensile strength	ASTM D 638, min. 10,4 MPa	22 MPa
	Elongation at break	ASTM D 638, min. 200%	5,2
	Secant modulus	ASTM D 882,	75 MPa
	Operating temperature	Life-Curve, -55 to 105 °C	-55 to 105 °C
Thermal	Min. Shrink temperature	For complete shrinkage	105 °C
	Shrinkage begins at		70 °C
Chemical	Water absorption	ASTM D 570, max. 0,2%	0,001
Electrical	Breakdown test (2.5kV x 60 sec.)	UL 224, no breakdown	Passed
	Volume resistance	ASTM D 876, Min. 10 <sup>14</sup> Ω·cm	1,6 x 10 <sup>17</sup> Ω·cm
Other Properties	UV Weather resistance	Weather-O-Meter, ultimate elongation 100% (1000 Std.)	Passed
		Weather-O-Meter, ultimate elongation 77% (2000 Std.)	Passed

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