

## HEAT-SHRINKABLE TUBING

### HTS-ST5-LC

SUMITUBE<sup>®</sup>, Heat-shrinking solder termination sleeve, - 55 °C to 125 °C,  
Made of Polyvinylidene Fluoride, Thermoplastic, Alloy and Flux



#### Highlights

- Operating temperature - 55 °C to 125 °C
- Self-extinguishing
- Very good resistance to chemicals and solvents
- Excellent sealing due to meltable sealing rings made of thermoplastic
- Alloy - Cd18 eutectic at 143 °C. Per ANSI-J-STD-006
- FLUX - ROL1 type RMA flux for silver or tin applications. Per ANSI-J-STD-004
- Shrink temperature: 143 °C
- For PVC-insulated wires
- Norms: NAS

#### Dimensions

Art.-No.	Art.-Name	A mm (nom.)	B mm (nom.)	C mm (nom.)	E mm (nom.)	F mm (nom.)	National Aerospace Standard
Z85646	HTS-LC-1	16	2.40	1.90	2.40	0.80	NAS 1745-13
Z85647	HTS-LC-2	16	3.20	2.80	3.20	1.40	NAS 1745-14
Z85648	HTS-LC-3	16	5.00	4.60	5.00	2.50	NAS 1745-15
Z85649	HTS-LC-4	19	6.40	6.00	6.40	3.20	NAS 1745-23
Z85650	HTS-LC-5	19	7.60	7.10	7.60	4.0	NAS 1745-16

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We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,  
CUSTOMER-ORIENTED**

**HEINRICH THULESIUS GMBH & CO. KG**

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**SUMITOMO  
ELECTRIC  
GROUP**

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## HTS-LC

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### Technical characteristics

Property	Test	Inspection Requirements	Typical Values
Physical	Tensile strength	Min. 6.75 MPa	Passed
	Vibration	15mm DA or 15G at 10 to 2000 hz für 4 h in each direction, voltage drop max. 2.5 mV	Passed
Thermal	Min. shrink temperature		143 °C
	Operating temperature		-55 °C to +125 °C
	Corrosion resistance (Saline solution, 5% NaCl)	96 h at 35 °C, voltage drop max. 2.5 mV	Passed
	Corrosion	at 16 h x 121 °C (+/- 3 °C), non-corrosive	Passed
	Temperature cycles	at -65 °C (+/- 3 °C) to +150 °C (+/- 3 °C): 5 cycles, voltage drop: max. 2.5 mV	Passed
Chemical	Flammability	Self-extinguishing, max. 5 sec.	Passed
	Resistance against solvents	24 h at 25 °C in the following solutions: SAE-AMS-DTL-H-5685 SAE-AMS-DTL-F-5566 SAE-AMS-DTL-L-7808 SAE-AMS-DTL-L-23699 SAE-AMS-DTL-A-8253 SAE-AMS-DTL-T-5624 SAE-AMS-DTL-C-25769	Passed
Electrical	Voltage drop with shielding	2.0 mV	Passed
	Dielectric strength	Min. 2000V	Passed

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