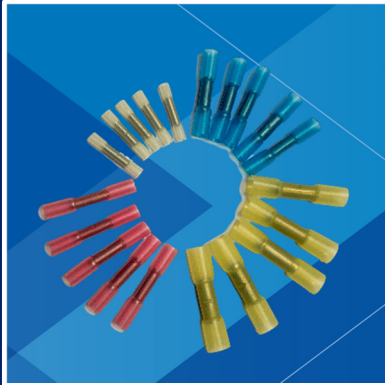


# HEAT-SHRINKABLE TUBING

## HTS-SumiSeal

SUMISEAL® Crimp/Butt connector, Made of cross-linked semi-rigid Polyolefin



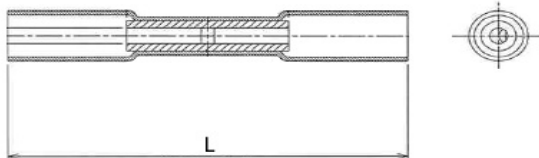
### Highlights

- Temperature range  
– 55 °C to 105 °C
- Excellent strain relief
- Resistant to solvents
- Very good sealing due to inner adhesive
- Shrink temperature: 120 °C
- Good physical and electrical properties
- RoHS and REACH conform
- Norms: ASTM

### Dimensions

Art.-No.	Art.-Name	Colour	Crimp Connectors			Standard packaging	
			Application range/mm	Application-range/AWG	Length	Uni	Box
Z86700	HTS-S-0	weiß	0.3 mm - 0.5 mm	22 - 20	23.5 mm - 26.5 mm	1000	5000
Z86701	HTS-S-1	rot	0.5 mm - 1.5 mm	20 - 16	35.5 mm - 38.5 mm	1000	5000
Z86702	HTS-S-2	blau	1.5 mm - 2.5 mm	16 - 14	35.5 mm - 38.5 mm	500	5000
Z86703	HTS-S3	gelb	3.5 mm - 6.0 mm	12 - 10	40.5 mm - 43.5 mm	500	5000

Please feel free to ask for smaller quantities!



L = Length

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



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**SUMITOMO  
ELECTRIC  
GROUP**

# HEAT-SHRINKABLE TUBING

## HTS-S

Sumiseal Crimpverbinder / Stoßverbinder mit halogenfreier Schrumpfschlauchisolation

### Technical characteristics

Property	Test	Inspection Requirements	Typical Values
Physical	Tensile strength	ASTM D 638, min. 10.4 MPa	Passed
	Elongation at break	ASTM D 638, min. 200%	Passed
Thermal	Operating Temperature	-40 °C – 105 °C	-40 °C – 105 °C
	Min. Shrink Temperature	For complete shrinkage	150 °C
	Heat shock (200 °C x 4 h)	SAE-AMS-DTL-23053, no cracks/ no dripping	Passed
	Heat resistance (175 °C x 168 h)	SAE-AMS-DTL-23053, no cracks	Passed
	Copper corrosion (121 °C x 16 h)	SAE-AS23053, no Corrosion	Passed
Chemical	Wasseraufnahme	ASTM D 570, Max. 0.5%	Passed
Electrical	Nominal voltage		600V
	Breakdown test (2.5kV x 60 sec.)	UL 224	Passed
	Volume resistance	ASTM D 876, Min. 10 <sup>14</sup> Ω cm	Passed
	Dielectric strength	SAE-AMS-DTL-23053, min. 19.7 kV/mm	Passed

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