

HEAT-SHRINKABLE TUBING

HTC-EC

Heat-Shrinkable End Caps



Highlights

- Operating temperature
- 40 °C to 125 °C
- Highly resistant to UV radiation
and weathering
- Good resistance against chemicals
- Hot melt adhesive for
moisture protection
- Shrink ratio 3:1
- Excellent form stability
- High tensile strength
and elongation at break
- Approval: IEC, ISO

Dimensions

Art.No.	Dimension	ID supplied (mm)		ID recovered (mm)		
		Cable Diameter mm	Internal Diameter	Length	Internal Diameter (max.)	Wall Thickness
Z86880	15 - 4.5	5.00 - 12.0	15.0	45.0	4.50	1.00
Z86881	25 - 9	10.0 - 22.0	25.0	70.0	9.00	2.70
Z86882	36 - 15	17.0 - 30.0	36.0	95.0	15.0	2.80
Z86883	63 - 24	28.0 - 55.0	63.0	110.0	24.0	3.60
Z86884	80 - 40	45.0 - 70.0	80.0	130.0	40.0	3.60
Z86885	102 - 60	68.0 - 90.0	102.0	152.0	60.0	3.60
Z86886	124 - 60	75.0 - 110.0	124.0	152.0	60.0	3.60
Z86887	148 - 57	80.0 - 135.0	148.0	152.0	57.0	4.50

Created by: NH 03042020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

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**SUMITOMO
ELECTRIC
GROUP**

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Technical characteristics

Property	Test Method	Requirement	Typical Value
Physical	Tensile Strength	IEC 62677-2, 10.5 MPa	14.5 MPa
	Elongation at Break	IEC 62677-2, Min. 300%	300%
	Hardness (Shore)	ASTM-D 2240, 50 D	
	Specific weight	IEC 60684-2, Max. 1.10 g/cm ³	Max. 1.10 g/cm ³
Thermal	Shrink Temperature	Min. 125 °C	
	Tensile Strength after heat ageing (120 °C x 168h)	ISO-188, Min. 10 MPa	10 MPa
	Elongation after heat ageing (120 °C x 168h)	ISO-188, Min. 250%	250%
Chemical	Fluid absorption	IEC 62677-2, Max. 0.20%	Max. 0.20%
	Copper Corrosion	IEC 62677-2, no corrosion	Pass
Electrical	Volume resistance	IEC 60243, 10 ¹² Ω cm	10 ¹² Ω cm
	Dielectric Strength	IEC 62677-2, >12 kV/mm	>12 kV/mm

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