

HEAT-SHRINKABLE TUBING

HTC-B11

Single Wall, Flexible, Low cost Polyolefin Heat Shrink Tubing



Highlights

- Operating temperature - 55 °C to 125 °C
- Low cost shrink tubing
- Self-extinguishing
- Shrink temperature 90 °C
- Shrink ratio 2:1
- Colour: black
- Approval: SAE-AMS-DTL, UL 224, VW-1

Dimensions

Art.Nr.	ID Supplied (mm)		Completely Recovered (mm)		
	Inch	Internal Ø	Internal Ø (max.)	Wall thickness nom.	Standard Package Spool (m)
Z88948	3/64	1.20	0.60	0.33	150
Z88949	1/16	1.60	0.80	0.36	150
Z88950	3/32	2.70	1.20	0.43	150
Z88951	1/8	3.40	1.60	0.43	150
Z88952	3/16	4.90	2.40	0.43	75
Z88953	1/4	6.40	3.20	0.56	75
Z88954	3/8	9.50	4.80	0.56	75
Z88955	1/2	12.70	6.40	0.56	50
Z88956	3/4	19.10	9.50	0.69	30
Z88957	1	25.70	12.70	0.76	30
Z88958	1 ½	38.10	19.00	0.86	30
Z88959	2"	50.8	25.4	0.97	30
Z88947	3"	76.2	38.1	1.17	15
Z88946	4"	101.6	50.8	1.17	15

Created by: VS 030420202

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

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Technical characteristics

Property	Test Method	Requirement	Typical Value
Physical	Longitudinal Change	±5%	±5%
	Tensile Strength	UL 224, ≥ 10.4 MPa	≥ 10.4 MPa
	Elongation at Break	UL 224, ≥ 200%	≥ 200%
Thermal	Continuous Operating Temp.	-55 °C to 125 °C	-55 °C to 125 °C
	Shrinking starts at	Shrink-Curve	90 °C
	Low temperature flexibility (-55 °C x 4h)	ASTM D 2671, no cracking	Pass
	Heat Shock (250 °C x 4h)	UL 224, no cracking	Pass
	Tensile Strength after heat ageing (158 °C x 168h)	UL 224, ≥ 7.4 MPa	≥ 7.4 MPa
Chemical	Elongation after heat ageing (158 °C x 168h)	UL 224, ≥ 100%	UL 224, ≥ 100%
	Flammability	UL 224, VW-1	Pass
Electrical	Copper Corrosion (158 °C x 168h)	UL 224, no corrosion	Pass
	Dielectric Strength	ASTM D 2671, ≥ 20kV/mm	Pass
	Dielectric Strength after ageing (159 °C x 168h)	ASTM D 2671, ≥ 20kV/mm	Pass
	Volume Resistivity	ASTM D 257, ≥ 10 ¹⁴ Ω cm	≥ 10 ¹⁴ Ω cm

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