

## HEAT-SHRINKABLE TUBING

### WSS-B2 125 °C

Simple, good and inexpensive - Polyolefin Heat Shrink Tubing



### Highlights

- Operating temperature - 45 °C to 125 °C
- Inexpensive heat shrink tubing with very good protective properties
- Zero halogen
- Flame retardant UL224, VW1
- Shrink temperature: 120 °C
- Shrink ratio 2:1
- Colour: black
- Approval: UL, CSA

### Dimensions

Art.No.	ID supplied		ID recovered (mm)		Standard Package
	Inch	Internal Diameter (mm)	Internal Diameter (max.)	Wall Thickness nom.	Spool (m)
Z81001	3/64"	1,1 ± 0,2	0,6	0,22	200
Z81002	1/16"	1,5 ± 0,2	0,8	0,28	200
Z81003	3/32"	2,5 ± 0,2	1,2	0,35	200
Z81004	1/8"	3,5 ± 0,2	1,6	0,4	200
Z81005	3/16"	5,0 ± 0,2	2,4	0,5	100
Z81006	1/4"	6,5 ± 0,2	3,2	0,55	100
Z81007	3/8"	9,5 ± 0,3	4,8	0,6	100
Z81008	1/2"	12,5 ± 0,3	6,4	0,6	100
Z81016	5/8"	16,5 ± 0,4	8	0,7	100
Z81009	3/4"	19,0 ± 0,5	9,5	0,8	100
Z81010	1"	26,0 ± 0,5	12,7	0,9	50
Z81011	1 ¼"	31,5 ± 1,0	16	0,95	50
Z81012	1 ½"	41,5 ± 1,0	19,1	1	50
Z81013	2"	50,0 ± 1,0	25,4	1	25
Z81014	3"	80,0 ± 1,0	38,1	1,46	25
Z81015	4"	100,0 ± 1,0	50,8	1,46	25

Created by: NH 03042020

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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### Technical characteristics

Property	Property	Test Method	Typical Value
Physical	Tensile Strength	ASTM D 2671, $\geq 10,4$ MPa	Pass
	Elongation at Break	ASTM D 2671, $\geq 200\%$	Pass
	Elongation after heat ageing	UL224 158 °C/168 Hrs., $\geq 100\%$	Pass
	Tensile Strength after heat ageing	UL224 158 °C/168 Hrs., 7,3 MPa	Pass
	Longitudinal Change		$\pm 8\%$
Thermal	Shrink Temperature	Full recovery	120 °C
	Min. Shrink Temperature		70 °C
	Continuous Operating Temp.		-45 °C ... +125 °C
	Heat Shock	UL224 260 °C/4 Hrs., No cracking or dripping	Pass
Chemical	Water absorption	$< 0,05$ ,	Pass
	Flammability	UL224, VW-1	Pass
	Corrosivity	UL224, 158 °C/168 Hrs.	None
	Copper Compatibility	UL224, 158 °C/168 hrs.	Pass
Electrical	Volume Resistivity	IEC 93, $\geq 1 \times 10^{14} \Omega\text{-cm}$	Pass
	Dielectric Strength	IEC 243, $> 15$ kV/mm	Pass

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