



ZHS Zero Halogen Sleeve 2:1 Shrink Ratio



Standards:

- Flame retardant to meet UL 224

Product Overview:

Zero-halogen and flame retardant heat shrinkable tubing. The ZHS tubing contains no added halogens and offers excellent fire safety characteristics combined with minimal smoke emission. Flexible polyolefin sleeves ideal printability properties for identification purposes for wire identification and insulation purposes.

Product Features:

- Print on liner feature for process efficiency.
- Perforated liner fan folds for quick marker referencing.
- Ladder design provides kitting capability.
- Zero halogen.
- Flame-retarded, self-extinguishing.
- Perforation after every sleeve allows for easy sorting.
- 1/2", 1" and 2" lengths available.
- Colors—white and yellow as standard. Other colors available.



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the global cable identification system

Recommended Printer & Ribbon:

Sumitag™ Printer STP-300 BB, SS & DS
Ribbon SM3 Super Ribbon

Print Performance:

Adherence: SAE-AS5942
Fluid Resistance: MIL-STD-202, Method 215J
Store in original packaging
Recommended temp. at +10°C to 25°C 45-55% R.H.
Use within 3 years from date of manufacture

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Technical Specifications:

Property	Value
Continuous Operating Temperature	-30°C to +105°C
Shrink Temperature for Full Recovery	+90°C
Longitudinal Change	+5%, -10% Max
Tensile Strength	13 MPa Min
Elongation at Break	400% Min
Elongation After Heat Ageing (150°C x 168 hrs)	250% Min
Oxygen Index	36%
Dielectric Strength	20 kV/mm2
Volume Resistivity	1014 ohm cm

Nominal Ø Sup. Inches	Nominal Ø Rec. Inches	Sleeve Length Inches	Markers Across	Markers Per Box	Order Code
3/32	0.046	1/2	4	4,000	ZHS-3/32-2.0-S3-WE-2X
3/32	0.046	1	2	2,000	ZHS-3/32-2.0-S1-WE-2X
3/32	0.046	2	1	1,000	ZHS-3/32-2.0-WE-2X
1/8	0.062	1/2	4	4,000	ZHS-1/8-2.0-S3-WE-2X
1/8	0.062	1	2	2,000	ZHS-1/8-2.0-S1-WE-2X
1/8	0.062	2	1	1,000	ZHS-1/8-2.0-WE-2X
3/16	0.093	1/2	4	4,000	ZHS-3/16-2.0-S3-WE-2X
3/16	0.093	1	2	2,000	ZHS-3/16-2.0-S1-WE-2X
3/16	0.093	2	1	1,000	ZHS-3/16-2.0-WE-2X
1/4	0.125	1/2	4	4,000	ZHS-1/4-2.0-S3-WE-2X
1/4	0.125	1	2	2,000	ZHS-1/4-2.0-S1-WE-2X
1/4	0.125	2	1	1,000	ZHS-1/4-2.0-WE-2X
3/8	0.187	1/2	4	2,000	ZHS-3/8-2.0-S3-WE-2X
3/8	0.187	1	2	1,000	ZHS-3/8-2.0-S1-WE-2X
3/8	0.187	2	1	500	ZHS-3/8-2.0-WE-2X
1/2	0.250	1/2	4	2,000	ZHS-1/2-2.0-S3-WE-2X
1/2	0.250	1	2	1,000	ZHS-1/2-2.0-S1-WE-2X
1/2	0.250	2	1	500	ZHS-1/2-2.0-WE-2X
3/4	0.375	1/2	4	2,000	ZHS-3/4-2.0-S3-WE-2X
3/4	0.375	1	2	1,000	ZHS-3/4-2.0-S1-WE-2X
3/4	0.375	2	1	500	ZHS--3/4-2.0-WE-2X
1	0.500	1	2	600	ZHS-1-2.0-S1-WE-2X
1	0.500	2	1	300	ZHS-1-2.0-WE-2X
1.5	0.75	2	1	100	ZHS-1-2.0-WE-2X