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Shrink-N-Shield® (2:1)

Select Desired Product Attributes



Shape of Installation

Round

Exterior Material

Polyolefin Heat Shrink

Diameter Before Shrinkage

0.75"

Material Color

Black

Shielding

Z-3250-CN

Unit Length

4 ft. Sticks

Quantity:

13

Contact Us for Bulk Ordering

GET A QUOTE

Standard 2 Weeks, Special Order 12-24 Weeks for shipping

Part Number: ZT99-18-006-0.75-B-X48.0

Minimum Quantity: 13

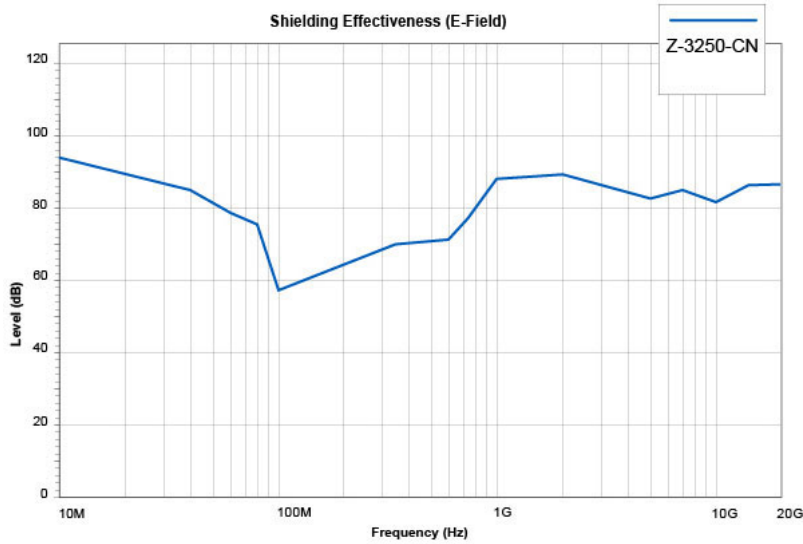
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One-Step Shielding and Jacketing Tubing, 2:1 Shrink Ratio, Polyolefin

Shrink-N-Shield (2:1) combines two proven technologies into a single, easy to install product for adding EMI protection to smaller wire and cable bundles. Shrink-N-Shield is ideal for cables diameters of 1/2" and less. Shrink-N-Shield is comprised of SAE-AMS-DTL-23053/5 heat shrink tubing and Zippertubing's Z-3250-CN conductive cloth which provides outstanding shielding properties. Shrink-N-Shield makes adding an EMI shield and secondary insulation jacket to wire or cable a snap. The material has an operational temperature range of -45 to 135°C. This product is supplied in four foot long sticks.

>> Print Datasheet (/DataSheets/Shrink-n-Shield-2:1.html)

PRODUCT SPECIFICATIONS			
RoHS			
Compliant			
Shelf-Life			
60 months			
Sizing Chart: ZT99-18-006-*			
Shrink-n-Shield-2:1 Size -*	BEFORE Inside Diameter (inches)	AFTER Inside Diameter (inches)	AFTER Wall Thickness (inches)
0.1875	3/16	0.093	0.02
0.25	1/4	0.125	0.025
0.375	3/8	0.188	0.025
0.5	1/2	0.25	0.025
0.75	3/4	0.375	0.03
1	1.0	0.5	0.035
1.5	1-1/2	0.75	0.035



ATTENUATION DATA WAS DERIVED USING PROCEDURES DEFINED IN MIL-STD-285 AND TESTED BY SCIENTIFIC APPLICATIONS INTERNATIONAL CORPORATION (SAIC) EMI LABORATORIES, SAN DIEGO, CALIFORNIA

Important Note: Material Specifications listed below are for raw materials **ONLY**. These specifications should be used as reference data **ONLY** and not actual completed product specifications.

Exterior Material Specifications | Polyolefin

Dielectric Strength	500v/mil (after shrink)
Elongation	200% (after shrink)
Flammability	Self-extinguishing
Fluid Resistance	Excellent
Fungicide	No Growth
Longitudinal Shrinkage	+/-5% (after heat recovery)
Material	Cross-linked Polyolefin
Material Thickness	.035" - .055"
Mil-Spec	SAE-AMS-DTL-23053/5
RoHS	Compliant
Temperature Range	-55° to 135°C (-67° to 275°F)
Shrink Temperature	90 to 121°C
Tensile Strength	1500 psi. (after shrink)

Shielding Material Specifications | Z-3250-CN

Z-3250-CN EMI shielding fabric is a .004 inch thick woven Nickel over Copper plated Polyester taffeta cloth that provides outstanding EMI shielding performance. The thin woven Polyester construction makes Z-3250-CN extremely flexible, yet very strong, capable of operational temperatures of -45° to 175°C, and provides excellent corrosion resistance and resistance to environmental degradation. It is without doubt the most versatile of all Zippertubing's EMI shielding products and can be incorporated with almost all of our jacketing products to provide a thin, lightweight and very flexible shield. Z-3250-CN cloth is used in Zippertubing's Z-Shield, Shrink-N-Shield, Shielded-ZT-Tape and PRT-S product lines. The cloth has an electrical resistance of less than 0.1 ohm/square, provides shield coverage of approximately 98% and averages 85 dB of attenuation from 10 MHz to 20 GHz. This is Zippertubing's most popular shielding material.

Base Fabric	Polyester Taffeta Fabric
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