THE ZIPPERTUBING CO.
ISO 9001:2000 CERTIFIED

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RoHS

# Shrink-N-Shield® (2:1)

## 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 wire and cable bundles. It is ideal for cables diameters of 1/2" and less. The product is comprised of MIL-I-23053/5 heat shrink tubing and Zippertubing's Z-3250-CN conductive cloth which provides outstanding shielding properties. This product makes adding an EMI shield or secondary EMI shielding to wire or cable a snap. The material has an operational temperature range of -55 to 135ºC. This product is supplied in four foot long sticks and has a length tolerance of +/- ½ inch.

### Features & Benefits:

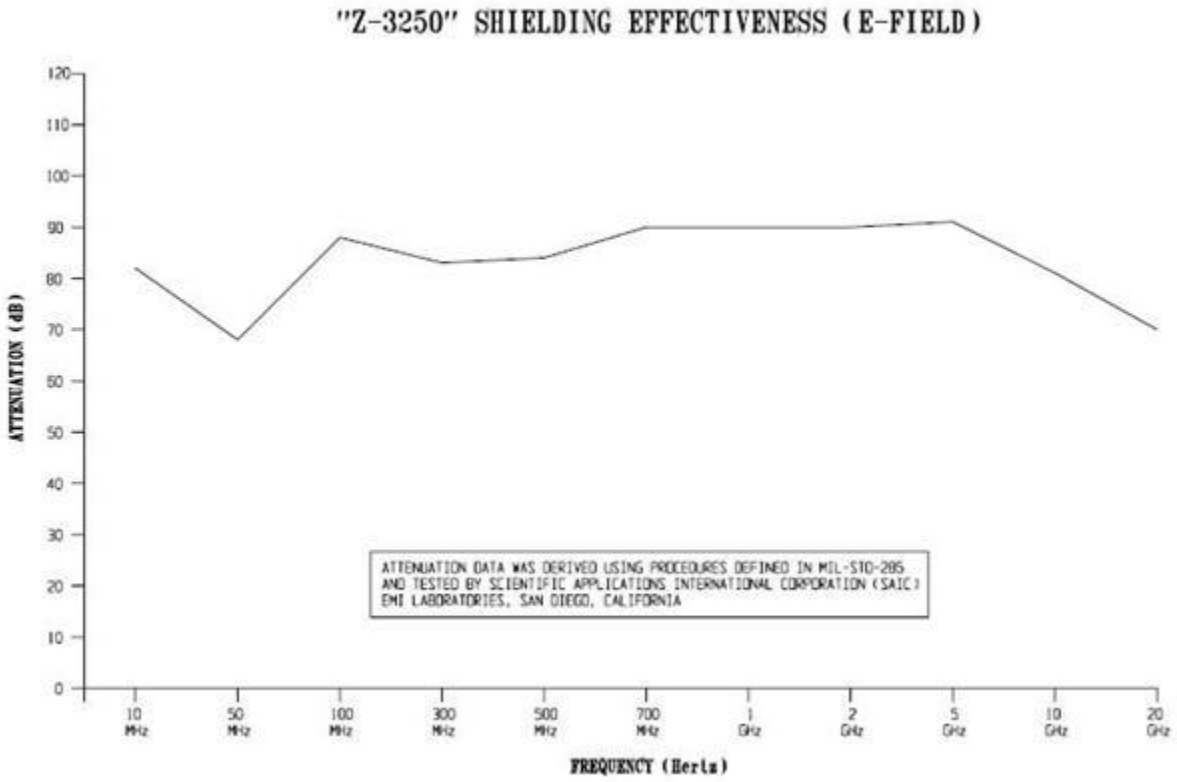
- **Easy One-Step Installation**
- **High Performance Mil-Spec Jacketing**
- **Excellant High Frequency EMI Shielding**
- **Government Listed NSN's**
- **Lower Total Installed Costs**
- **-55 to 135ºC Operating Limit**

## Order Part Number: ZT99-18-006-*

| Thickness (inch) | Material Type | Temp Range (°C) | Flame Retard | Break Strength | Ratings | Dielectric (volts/mil) |
|---|---|---|---|---|---|---|
| .020" - .035" | Polyolefin Heat Shrink Tubing (Shielded), 2:1 Shrink Ratio | -55 to 135 | UL224, All Tubing | 1,500 (after shrinkage) | Made from Mil-I-23053/5, Type I & II, Class 1 Tubing | 500 v/mil (after shrinkage) Jacket, <.1 Ohms/sq Conductive Shield |

| EMI Shields Available | Flexibility | Fluid Resist | Cable Types | Sizes | Colors | Closures Available |
|---|---|---|---|---|---|---|
| Z-3250-CN | Medium | Excellent | Round | 3/16, 1/4, 3/8, 1/2, 3/4, 1.0, 1-1/2 (before shrinkage) N/A | Black (+ Many) | N/A |

| Zippertubing Size | Nominal Size BEFORE and AFTER Shrinkage | | | |
|---|---|---|---|---|
| | BEFORE Inside Diameter in. | BEFORE Wall Thickness in. | AFTER Inside Diameter in. | AFTER Wall Thickness in. |
| 3/16 | 0.187 | 0.01 | 0.093 | 0.020 |
| 1/4 | 0.250 | 0.01 | 0.125 | 0.025 |
| 3/8 | 0.375 | 0.01 | 0.188 | 0.025 |
| 1/2 | 0.500 | 0.01 | 0.250 | 0.025 |
| 3/4 | 0.750 | 0.01 | 0.375 | 0.030 |
| 1.0 | 1.000 | 0.01 | 0.500 | 0.035 |
| 1-1/2 | 1.500 | 0.01 | 0.750 | 0.035 |




**For more information contact Customer Support: info@zippertubing.com**



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