

## 2/1 SHIELD

- MIL-I-DTL-23053/5
- Excellent High Frequency EMI Shielding
- Easily Installs Over Connectors And Splices
- Flame Retardant UL224

Put-Ups									
Nominal Size	Part #	Unshrunk Diameter /mm	Shrunk Diameter /mm	Wall Thickness BEFORE	Wall Thickness AFTER	Bulk Box Put Up/ 4'Pcs.	Shop Box Put Up/ 4'Pcs.	Available Colors	Lbs/ 10Pcs.
3/16"	H2C0.19BK	4.8	2.4	0.01"	0.020"	12	2	Black	0.31
1/4"	H2C0.25BK	6.4	3.2	0.01"	0.025"	12	2	Black	0.50
3/8"	H2C0.38BK	9.5	4.8	0.01"	0.025"	12	2	Black	0.63
1/2"	H2C0.50BK	12.7	6.4	0.01"	0.025"	12	2	Black	0.75
3/4"	H2C0.75BK	19.1	9.5	0.01"	0.030"	12	2	Black	1.00
1"	H2C1.00BK	25.4	12.7	0.01"	0.035"	12	2	Black	1.50
1 1/2"	H2C1.50BK	38.1	19.1	0.01"	0.035"	12	2	Black	2.25



Cut Cleanly  
Scissor

**Material**  
Polyolefin

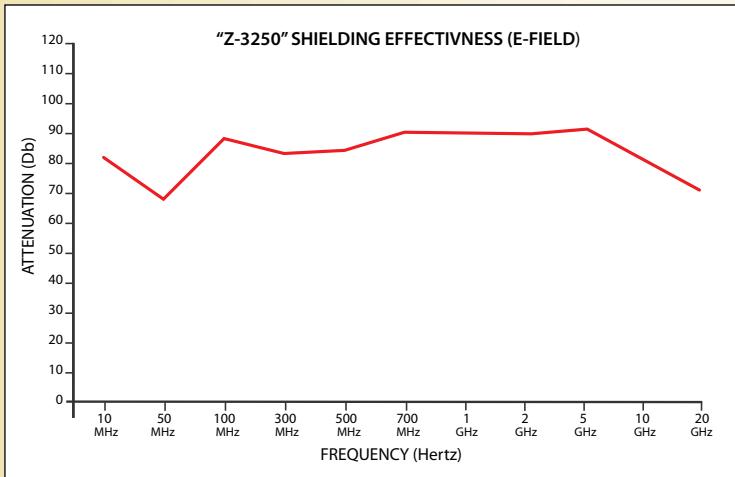
**Grade**  
H2C

### Shield 2/1 Heatshrink Tubing Shrinks To 1/2 its original diameter!

Colors Available:  
Black (BK)

2/1 Shield heatshrink tubing is a unique combination of Polyolefin and conductive cloth, with a high frequency EMI shielding properties.

This product, a flame retardant and fluid resistant tubing, is a perfect solution for protecting your wire & cable bundles.



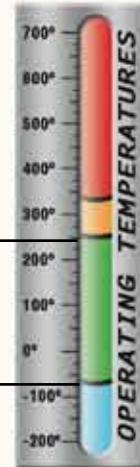
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### FLAMMABILITY

Flammability Rating \_\_\_\_\_ Flame Retardant UL224

Maximum Continuous  
Mil-DTL-23053  
275°F (135°C)

Minimum Continuous  
Mil-DTL-23053  
-67°F (-55°C)



### Chemical Resistance

Fluid Resistance \_\_\_\_\_ Excellent



Measure the Shrinkflex® tubing to length and cut with a scissor. The thickness of your bundle, as well as the desired final appearance, will determine the length of the tubing you cut. Generally, a piece 1 1/2" - 2" long will accommodate almost any need. Single wires, or smaller bundles, require shorter pieces.



Slip the Shrinkflex® tubing over the bundle and position it so that both the sleeved and unsleeved portions are sufficiently covered. Notice the small pieces of tubing installed on single wires as part of a color coding system. If your project requires multiple operations, always work up from the smallest to the largest bundle.



Gently apply heat to Shrinkflex® tubing from a heat gun, hair dryer or torch with an appropriate attachment. Keep the heat source far enough away so that hot metal or direct flame does not come in contact with the tubing, wires or sleeving. Move the heat around the bundle to prevent damaging the sleeving and to ensure that all areas of the tubing have been shrunk. Once cooled, your installation is complete.

### PHYSICAL PROPERTIES

Recommended Cutting \_\_\_\_\_ Scissors

Colors \_\_\_\_\_ 1

Flexibility \_\_\_\_\_ Medium

Break Strength \_\_\_\_\_ 1,500  
After Shrinkage

Dielectric Strength (volts/mil) \_\_\_\_\_ 500

Wall Thickness \_\_\_\_\_ .020-.035  
After Shrinkage