

**2/1 SHIELD**

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

**Put-Ups**

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



**Cut Cleanly**  
**Scissor**

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

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.

**Colors Available:**  
 Black (BK)

**Material**  
**Polyolefin**

**Grade**  
**H2C**



[www.techflex.com](http://www.techflex.com)

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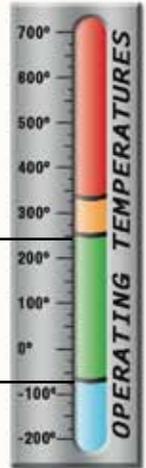
# 2/1 SHIELD



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

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

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

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

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