

# EMI Shield Heat Shrink Tubing Kit **pro-POWER**

**RoHS  
Compliant**



## Description:

EMI Shield Heat Shrink Tubing (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 polyolefin heat-shrink tubing and an EMI shielding fabric woven of nickel-over-copper-plated polyester taffeta cloth which provides outstanding shielding performance. This product is supplied in a one foot piece with three feet of 24AWG grounding wire and has a length tolerance of  $\pm\frac{1}{2}$  inch.

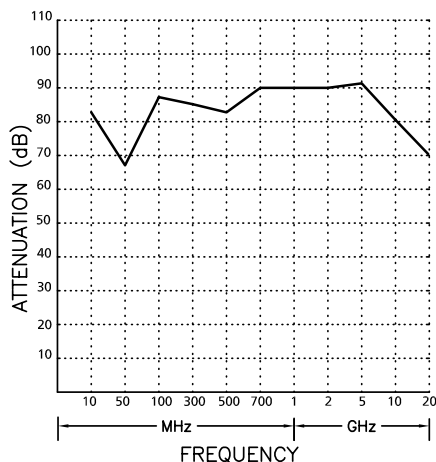
## Features:

- Easy one-step installation
- High performance Mil-Spec jacketing
- Excellent high frequency EMI shielding
- Government listed NSN's
- Lower total installed costs

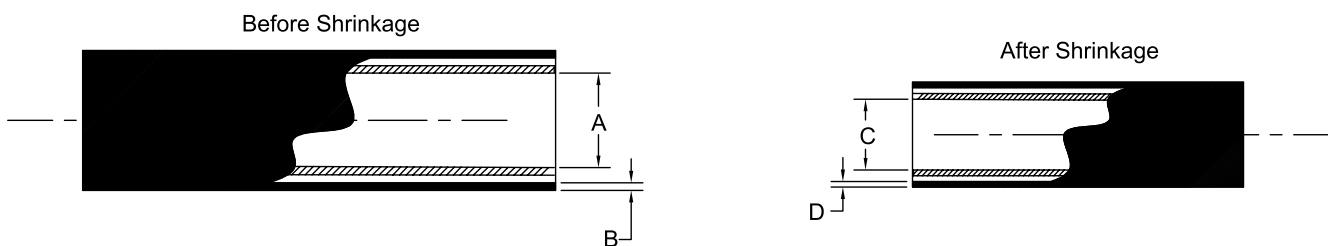
## Specifications

Material	: Polyolefin Heat-Shrink Tubing, 2:1 shrink ratio; Nickel-over-Copper-Plated Polyester Taffeta Cloth Fabric Shield
Operating Temp.	: -55°C to 135°C
Thickness	: 0.02" to 0.035"
Break Strength	: 1,500 (after shrinkage)
Dielectric	: 500V/mil (after shrinkage) Jacket, <0.1Ω/sq conductive shield
Flexibility	: Medium
Fluid Resist	: Excellent
Cable Types	: Round
Size	: 3/16, 1/4, 3/8, 1/2, 3/4, 1 (before shrinkage) N/A
Colour	: Black

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Attenuation Levels (dB)	
10MHz	82
50MHz	68
100MHz	88
300MHz	83
500MHz	84
700MHz	90
1GHz	90
2GHz	90
5GHz	91
10GHz	81
20GHz	70



**Kit Includes** : 1ft of EMI Shield Heat Shrink Tubing and 3ft. 24AWG grounding wire

## Part Number Table

Description	Nominal Size Before Shrinkage		Nominal Size After Shrinkage		Part Number
	A Inside Diameter (Inches)	B Wall Thickness (Inches)	C Inside Diameter (Inches)	D Wall Thickness (Inches)	
EMI Shield Heat Shrink Tubing Kit	0.187	0.01	0.093	0.02	SPC5086
	0.25		0.125	0.025	SPC5087
	0.375		0.188		SPC5088
	0.5		0.25		SPC5089
	0.75		0.375	0.03	SPC5090
	1		0.5	0.035	SPC5091

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