

## Ni/Cu polyester taffeta fabric-over-foam



Laird's Fabric-over-Foam 779 EMI gaskets provide wide compression ranges, and excellent EMI shielding performance for customers where EMI issues occur. The 779 EMI gaskets are composed of electrically conductive fabric wrapped around a foam core. They are supplied with a conductive pressure sensitive adhesive (PSA). The Fabric-over-Foam 779 EMI gaskets series is a halogen-free product with cross-section profiles of rectangle.

### FEATURES



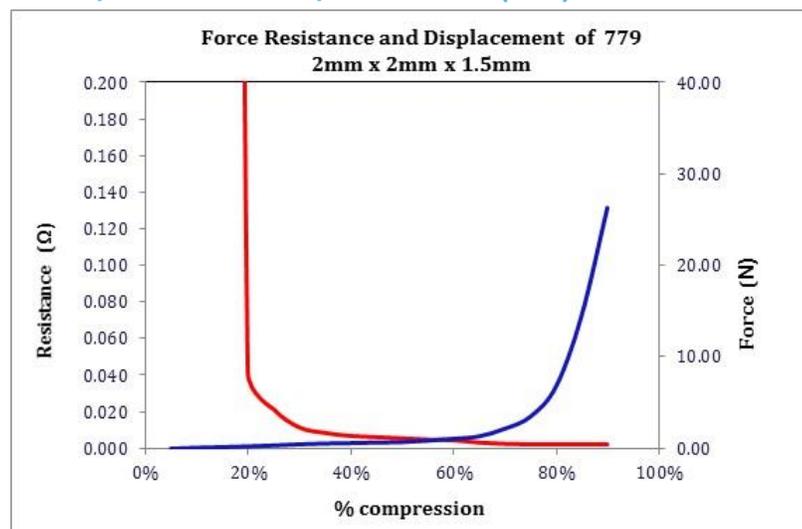
- Low compression forces allow for use of lighter materials
- Operation temp up to 85°C
- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of  $< 0.05 \Omega/\square$  provides excellent conductivity

-Fabric thickness = 0.04mm

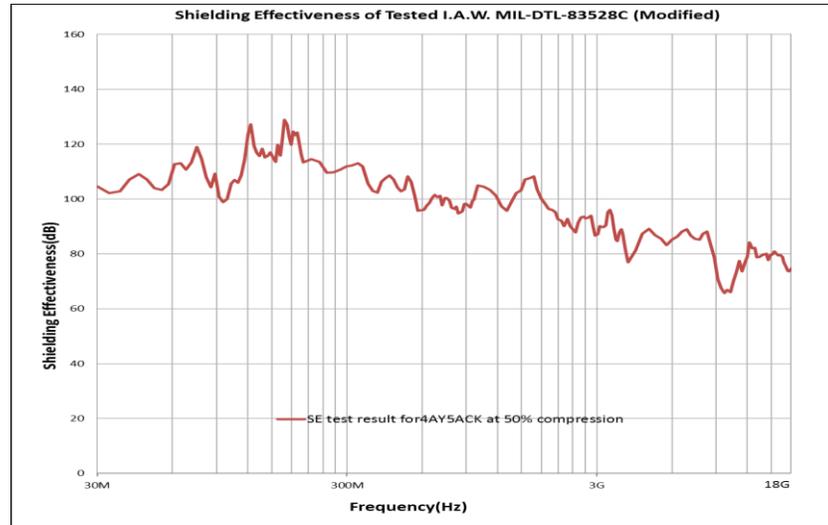
### APPLICATIONS

- Handsets/Tablets
- Laptop computers
- Cabinet applications
- Displays
- Medical equipment
- Servers
- Printers
- Networking equipment
- Desktop computers
- Telecommunications cabinets

### FORCE/DISPLACEMENT/RESISTANCE (FDR)



## SHIELDING EFFECTIVENESS (DB)



## CHARACTERISTIC

ITEM	UNIT	VALUE	TEST METHOD
Shielding Effectiveness			
at 100 MHz		105	MIL STD 83528C
at 1 GHz	dB	104	
Surface Resistivity	$\Omega/\square$	< 0.05	ASTM F390
Compression Set	%	< 15	ASTM D3574
Operation Temperature	$^{\circ}\text{C}$	-40~ 85	
Hazardous Substance			
Compliant with RoHS(Directive 2011/65/EU)			
Compliant with SONY ss-00259			
Halogen-free (based on IEC-61249-2-21)			
Antimony-free			
Shelf Life		12 months at 23 $^{\circ}\text{C}$ /60% R.H.	

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### EMI-FOF-779\_030718 Preliminary

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