



Ni/Cu polyester taffeta fabric-over-foam

Laird's Fabric-over-Foam (FoF) 71A EMI gaskets provide wide compression ranges with low compression force, excellent EMI shielding performance and offering excellent assembly tolerance absorbing for customers where EMI issues occur. The 71A Series EMI gaskets are composed of electrically conductive fabric wrapped around a soft urethane foam core. They are supplied with a conductive pressure sensitive adhesive (PSA).

The 71A series is a halogen-free product with UL94V0 rating.

FEATURES

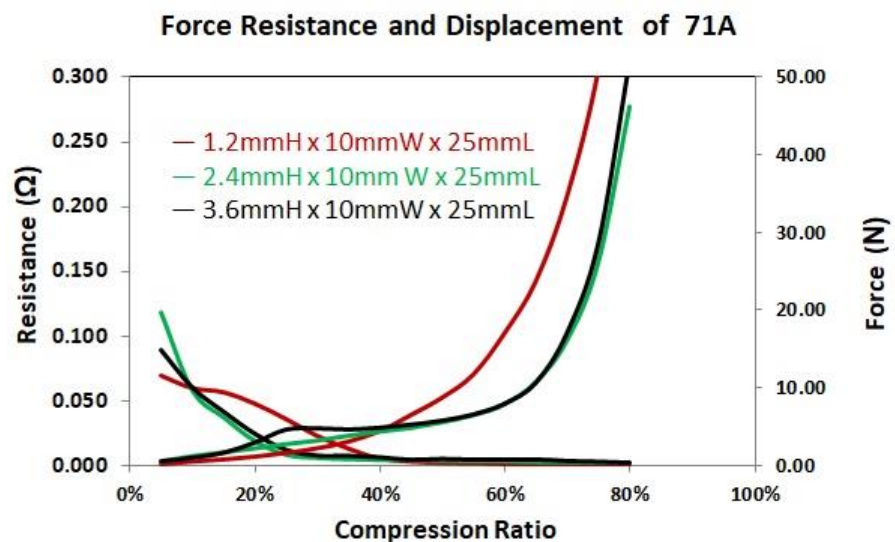


- Low compression forces allow for use of lighter materials
- Operation temp up to 85°C
- UL94V0 rating
- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of $< 0.07 \Omega/\square$ provides excellent conductivity

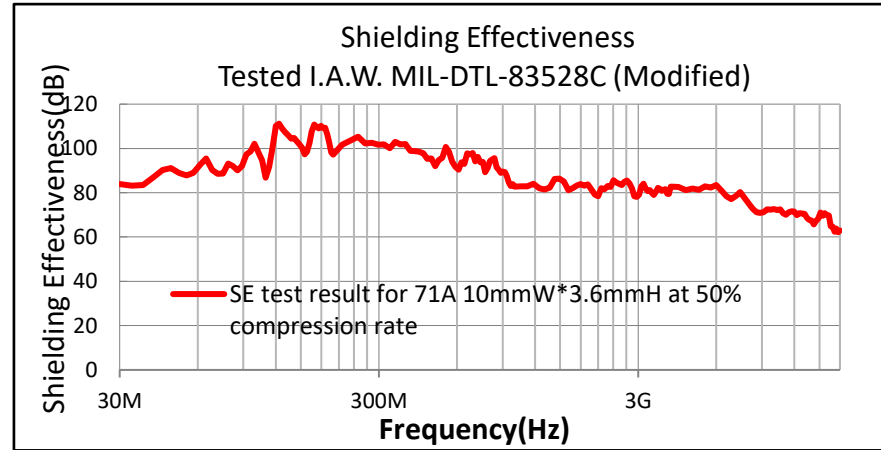
APPLICATIONS

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

FORCE/DISPLACEMENT/RESISTANCE (FDR)



SHIELDING EFFECTIVENESS (DB)



CHARACTERISTIC

ITEM	UNIT	VALUE	TEST METHOD
Shielding Effectiveness			
at 100 MHz		103	MIL STD 83528C
at 1 GHz	dB	85	
Surface Resistivity	Ω/\square	< 0.07	ASTM F390
Compression Set@85°C	%	< 20	ASTM D3574
Operation Temperature	°C	-40~ 85	
Flame Retardant		Pass	UL94 V0 E170327(V0 050)
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°C /60% R.H.		

USA: +1.866.928.8181
Europe: +49.8031.24600
Asia: +86.755.2714.1166

EMI-FOF-71A_150519

Any information furnished by Laird Technologies, Inc., and/or its affiliate companies (collectively, "Laird") and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user. Laird and its agents make no warranties as to the fitness, merchantability, suitability or non-infringement of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird's Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2017 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights. Version A01