



HIGH TEMPERATURE FABRIC-OVER-FOAM GASKETS

Laird Performance Materials' EcoTemp Series FoF gaskets are composed of metallized fabric wrapped around a soft silicone foam core. They are supplied with either a non-conductive or electrically conductive pressure sensitive adhesive (PSA) and can be equipped with an Extended Release Liner (ERL) on the adhesive. The EcoTemp gasket is a halogen-free product that can be created with square and rectangular cross-sectional profiles. The EcoTemp gaskets can be further customized to an application by die-cutting, hole punching, notching, etc.

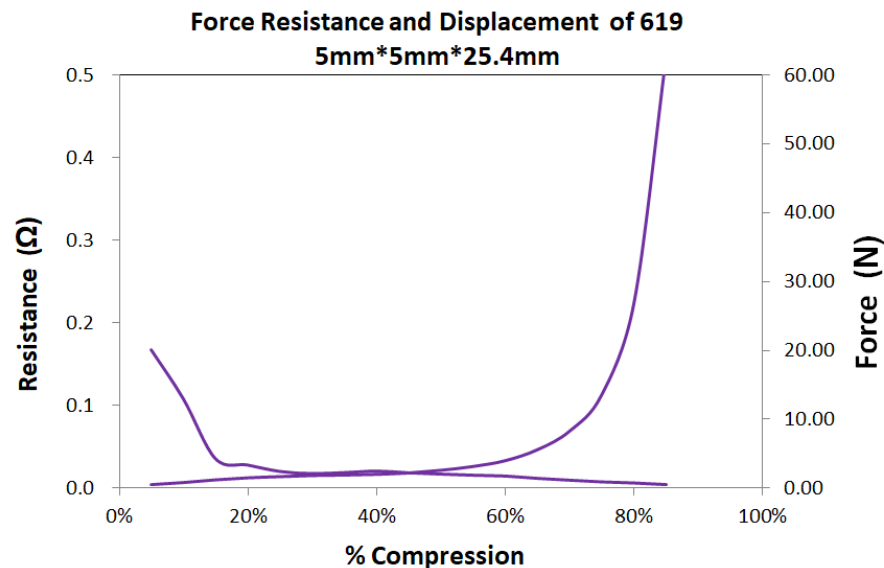
FEATURES

- Low surface resistivity of $< 0.07 \Omega/\square$ provides excellent conductivity
- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- UL 94V0
- Extremely low compression set values at higher temperatures
- Available with conductive and non-conductive PSA
- Profile gaskets can be cut to specified lengths, kiss-cut on release liner, or mitered to form frame configurations

APPLICATIONS

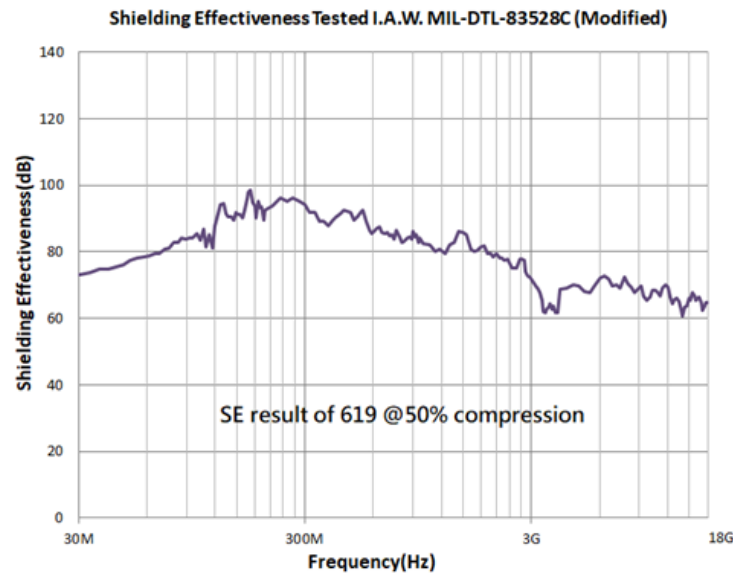
- Tablets
- Automotive
- Cabinet applications
- Displays
- Medical equipment
- Servers
- Networking equipment
- Desktop computers
- Telecommunications cabinets

FORCE/DISPLACEMENT/RESISTANCE (FDR)



Note: This graph will vary with dimension.

SHIELDING EFFECTIVENESS (DB)



Note : 3mm H x 10mm W

CHARACTERISTICS

ITEM	UNIT	VALUE	TEST METHOD
Shielding Effectiveness			
at 100 MHz		92 average	MIL STD 83528C
at 1 GHz	dB	76 average	
Surface Resistivity	Ω/\square	< 0.07	ASTM F390
Compression Set@125°C	%	< 15	ASTM D3574
Operation Temperature	°C	-40 - 125	
Hazardous Substance			
		Compliant with RoHS (Directive 2011/65/EU)	
		Halogen-free (based on IEC-61249-2-21)	
Shelf Life			
		12 months at 23°C/60% R.H.	

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