



UL 94V0 RATED NI/CU NYLON RIPSTOP (NRS) FABRIC-OVER-FOAM

Laird Technologies' Fabric-over-Foam (FoF) EcoShear EMI gaskets provide excellent EMI shielding performance for customers where EMI issues occur. The EcoShear series EMI gaskets are composed of electrically conductive fabric wrapped round a soft urethane foam core with a special fabric lap located between the two strips of pressure sensitive adhesive (PSA) which will satisfy the requests for lower compression grounding. They are supplied with two strips of non-conductive pressure sensitive adhesive (PSA) and are equipped with an Extended Release Liner (ERL) on the adhesive. EcoShear is a halogen-free, UL 94V0 rated product (EcoGreen). The EcoShear EMI gaskets can be further customized to an application by die-cutting, hole punching, notching, etc.

FEATURES

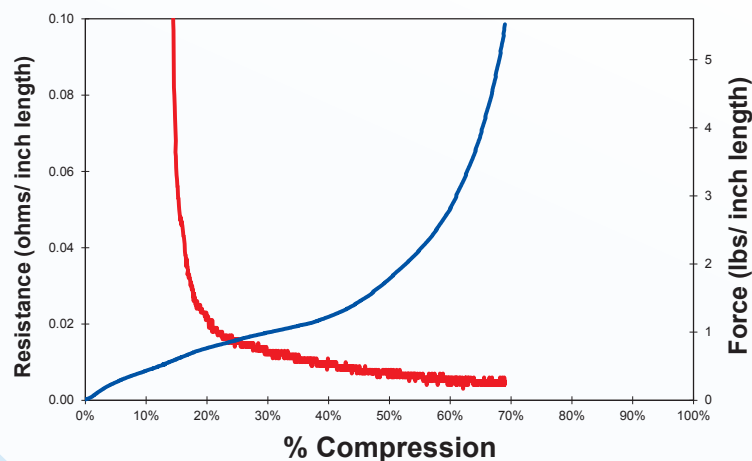
- Special fabric lap improves low compression grounding as low as 10% and up to 50%
- High shear / high cycle usage applications
- EcoGreen (halogen free & UL94-V0 flame rated)
- RoHS compliant

MARKETS

- FOF applications where high shear and high cycle requirements are needed (storage or network blades)
- Blade servers
- Network & telecommunication equipment

FORCE/DISPLACEMENT/RESISTANCE (FDR)

Force/Displacement/Resistance Graph of 4W12AB51G



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USA: +1.866.928.8181

Europe: +49.0.8031.2460.0

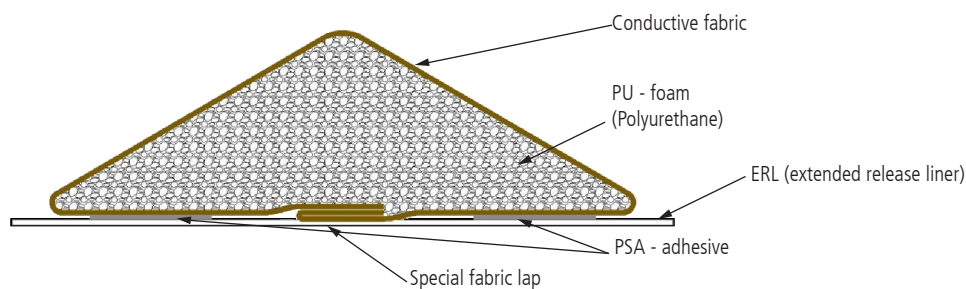
Asia: +86.755.2714.1166

EcoShear EMI Gaskets

Fabric-over-Foam

Item	Unit	Value	Test Method
Shielding Effectiveness			SAE-ARP-1705(Mod.)
at 100 MHz		109	
at 1 GHz	dB	113	
Surface Resistivity	$\Omega / \square$	< 0.07	ASTM F390
Compression Set at 70°C	%	< 20	ASTM D3574
Operation Temperature	°C	-40 to 70	ASTM D-257
Flame Retardant	UL 94V0 (UL file No. E170327)		
Hazardous Substance	Compliant with RoHS (Directive 2002/95/EC)		
	Halogen-free (based on IEC-61249-2-21)		
	Antimony-free		
Shelf Life	12 months at 23°C/ 60% R.H.		

COMPOSITION OF PRODUCT



EMI-DS-FOF-ECOSHEAR 0612

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