



HIGH TEMPERATURE UL 94 V0 FABRIC-OVER-FOAM GASKETS

Laird EcoTemp Series FoF gaskets are composed of metallized fabric wrapped around a soft non-urethane 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 RoHS

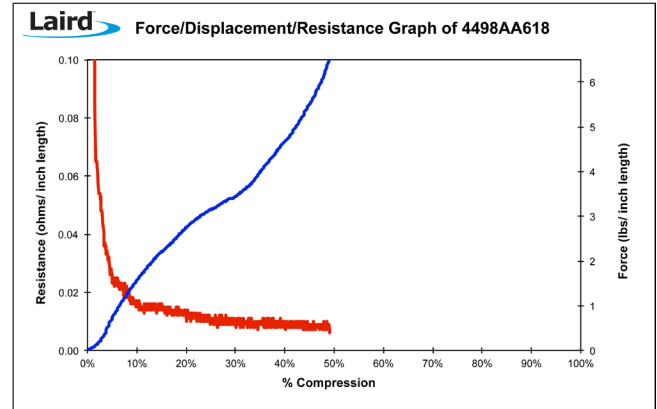
- EcoTemp 125 Fabric-over-Foam gaskets are RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- UL 94V0
- Extremely low compression set values at higher temperatures
- Available with conductive and non-conductive PSA
- Rectangle and square cross-sectional profiles available in 1.6mm to 12.8mm thickness (select widths).
- Profile gaskets can be cut to specified lengths, kiss-cut on release liner, or mitered to form frame configurations

MARKETS

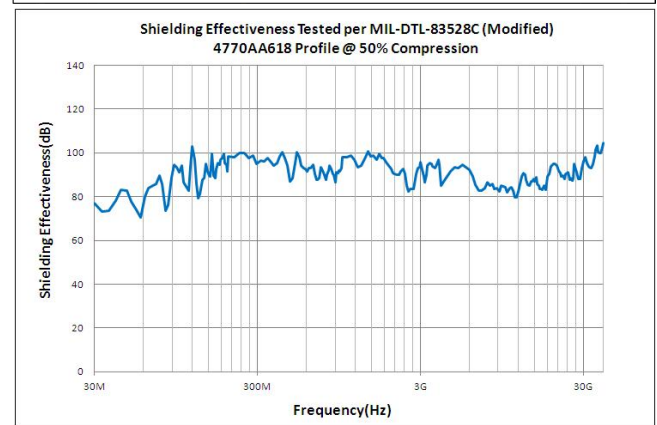
- Cabinet applications
- LCD and Plasma TV
- Medical equipment
- Servers
- Printers
- Laptop computers
- Networking equipment
- Desktop computers
- Automotive
- Telecommunications cabinets

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Asia: +86.755.2714.1166

FORCE/DISPLACEMENT/RESISTANCE GRAPH OF 4498AA618



SHIELDING EFFECTIVENESS per MIL-DTL-83528C (modified)



| Item | Unit | Value | Test Method |
|-------------------------|--|---|---------------------------|
| Shielding Effectiveness | | | MIL-DTL-83528C (modified) |
| 30 MHz to 300 MHz | dB | 89 average | |
| 300 MHz to 3 GHz | dB | 93 average | |
| 3 GHz to 40 GHz | dB | 90 average | |
| Surface Resistivity | Ω / \square | < 0.07 | ASTM F390 |
| Compression Set | % | < 20 | ASTM D3574 |
| Operation Temperature | $^{\circ}\text{C}$ | -40 - 125 | - |
| Flame Retardant | | UL 94V0 (File # E170327, Grade V0 048) | |
| Hazardous Substance | Compliant with RoHS (Directive 2002/95/EC) | | |
| | Compliant with SONY SS-00259 | | |
| | Antimony-free | | |
| Shelf Life | | 12 months at 23 $^{\circ}\text{C}$ / 60% R.H. | |

ORDERING INFORMATION

PART NUMBER EXAMPLE

| | | | | | | | | | | | | | | |
|---------|---------------------------|---|---|---|---|---|--------------|---|---|-------------|----|----|----|----|
| Digits: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | 4 | 2 | 4 | 7 | A | A | 6 | 1 | 8 | 0 | 1 | 4 | 0 | 0 |
| | Profile Shape and Details | | | | | | Product Name | | | Part Length | | | | |

EMI-DS-FOF-618 0214

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