



Laird Technologies UltraSoft® Knit EMI gasket material consists of a metalized nylon yarn knit over a flame retardant UL 94 HF-1 low density foam polyester core material. The close-knit stitch of the metalized nylon provides a highly effective EMI shield, as well as a smooth, soft surface that will not abrade plated plastic interfaces.

- UL 94 HF-1 approved core
- Excellent shielding effectiveness averaging 110 dB @ 10 KHz to 1 GHz
- Self-terminating ends
- 95% coverage of core material provides a smooth appearance and surface resistivity
- Low closure force of 8 lbs per foot (11.93 kg per meter) @ 30% deflection
- Available in silver plated nylon yarn to meet your galvanic compatibility needs
- Other finishes available upon request

PRODUCT SPECIFICATIONS

Materials

- EMI Shield: Silver plated nylon (material code 62)
- Foam Core: Low density UL 94 HF-1 approved polyester
- Pressure Sensitive Adhesive: Acrylic

Performance Characteristics

- Surface Resistivity: Silver plate 0.051 ohm/square inch @ 20% deflection
- Compression Set: 10% @ 50% deflection
- Temperature Range: Intermittent: -40°F to 225°F (-40°C to 107°C)

How to Order

1. Determine the size from Table 1 on page 30.
2. All sizes are supplied in standard 7-foot lengths (2,1 m). Other lengths available upon request.
3. Custom gasket assemblies: All sizes are offered cut to a specific length, ready for installation as shown in Figure 2, or as a bonded assembly as shown in Figure 3. Submit dimensions and quantity requirements to our sales department for price and delivery.

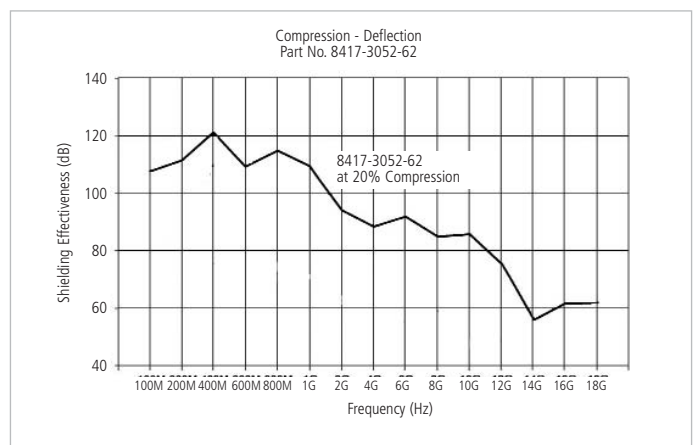
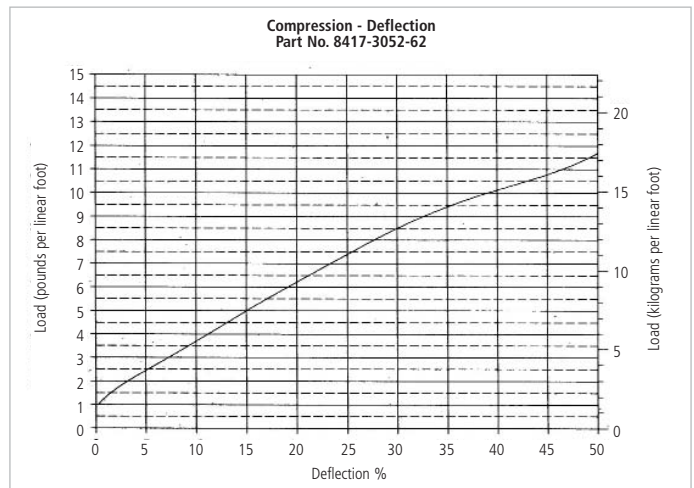




FIGURE 1. ULTRASOFT KNIT RECTANGLE

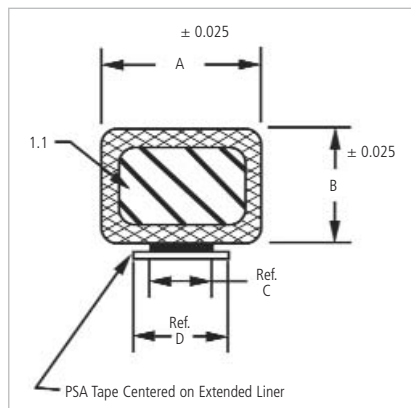


FIGURE 2. CUT-TO-LENGTH

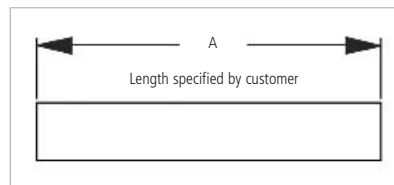


FIGURE 3. BONDED ASSEMBLY

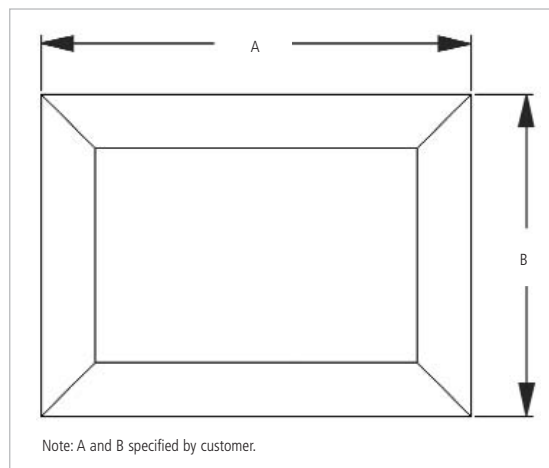


TABLE 1. ULTRASOFT KNIT GASKETS

Laird Technologies Part No.	A	B	C	D
8417-3073-62	0.125 (3,2)	0.050 (1,3)	0.075 (1,9)	0.261 (6,6)
8417-3063-62	0.125 (3,2)	0.060 (1,5)	0.075 (1,9)	0.261 (6,6)
8417-3050-62	0.125 (3,2)	0.125 (3,2)	0.075 (1,9)	0.261 (6,6)
8417-3064-62	0.150 (3,8)	0.150 (3,8)	0.075 (1,9)	0.261 (6,6)
8417-3072-62	0.187 (4,7)	0.125 (3,2)	0.093 (2,4)	0.279 (7,1)
8417-3051-62	0.187 (4,7)	0.187 (4,7)	0.093 (2,4)	0.279 (7,1)
8417-3060-62	0.250 (6,4)	0.080 (2,0)	0.110 (2,8)	0.296 (7,5)
8417-3052-62	0.250 (6,4)	0.125 (3,2)	0.110 (2,8)	0.296 (7,5)
8417-3078-62	0.250 (6,4)	0.202 (5,1)	0.110 (2,8)	0.296 (7,5)
8417-3053-62	0.250 (6,4)	0.250 (6,4)	0.125 (3,2)	0.311 (7,9)
8417-3065-62	0.276 (7,0)	0.150 (3,8)	0.110 (2,8)	0.296 (7,5)
8417-3059-62	0.313 (8,0)	0.313 (8,0)	0.150 (3,8)	0.336 (8,5)
8417-3054-62	0.375 (9,5)	0.125 (3,2)	0.150 (3,8)	0.336 (8,5)
8417-3055-62	0.375 (9,5)	0.187 (4,7)	0.150 (3,8)	0.336 (8,5)
8417-3062-62	0.375 (9,5)	0.250 (6,4)	0.150 (3,8)	0.336 (8,5)
8417-3068-62	0.375 (9,5)	0.375 (9,5)	0.150 (3,8)	0.336 (8,5)
8417-3056-62	0.500 (12,7)	0.125 (3,2)	0.200 (5,1)	0.386 (9,8)
8417-3057-62	0.500 (12,7)	0.250 (6,4)	0.200 (5,1)	0.386 (9,8)
8417-3067-62	0.500 (12,7)	0.500 (12,7)	0.200 (5,1)	0.386 (9,8)
8417-3066-62	0.827 (21,0)	0.150 (3,8)	0.400 (10,2)	0.586 (14,9)
8417-3058-62	1.000 (25,4)	1.000 (25,4)	0.400 (10,2)	0.586 (14,9)

All dimensions shown are in inches (millimeters) unless otherwise specified.