

KNITTED CONDUCTIVE GASKETS

EXCELLENT VERSATILE SHIELDING PERFORMANCE WITH GREAT VARIETY

Wire mesh gaskets are a very versatile and proven style of shielding. Wire mesh gaskets have a great variety of uses and there are several popular types to choose from depending on shielding or environmental requirements. Knitted gaskets can be made from a variety of metal wires, including monel, tin plated-copper clad-steel or aluminum. Cost-effective for low cycling applications with high shielding effectiveness over a broad frequency range. Available in a wide variety of sizes and shapes, the knit construction provides long lasting resiliency with versatile mounting options. Available with elastomer gasket for moisture and dust sealing.

Popular product lines include the ElectroNit™ All Mesh, which is the most economical gasket for low cycling applications and is designed to offer the highest levels of attenuation. UltraSoft™ Knit offers close-knit stitch of the metallized nylon provides a highly effective EMI shield, as well as a smooth, soft surface. UltraFlex™ Copper Beryllium (CuBe) Mesh offers superb resiliency for consistent, point-to-point contact requiring the lowest compression forces among all other shielding materials and configurations.

Elastomer Core Mesh is an optimum solution for combining excellent shielding performance with a high degree of elasticity. Electro-Con oriented wire provides EMI protection and seals against moisture or rain on cast or machined surfaces.

Laird maintains a sophisticated global manufacturing network and this, coupled with state-of-the-art design technology, ensures market leading products ideal for your application.



Clips, Washers, Tape, etc

Useful in applications where the need for EMI protection is required.



Electronit All Mesh EMI Gasketing

EMI gasketing that has been designed to offer the highest possible levels of attenuation.



Elastomer Core Mesh Gasketing

Elastomer core that offers low compression requirements and low compression set.



Ultraflex Electronit Beryllium Copper Knitted Wire Shielding

Optimum mechanical properties of beryllium copper with shielding effectiveness as much as 20 dB higher than conventional materials.

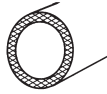


www.atd-elektronik.cz

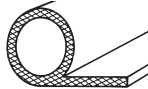
KNITTED CONDUCTIVE GASKETS

VISUAL PART REFERENCE GUIDE

UltraFlex ElectroNit BeCu Knitted Wire Shielding



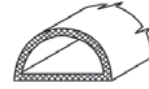
Hollow Core Round



Hollow Core Round with Single Fin

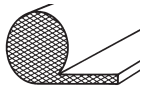


Hollow Core Double Round

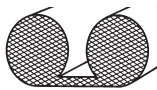


UltraFlex "D" Shape

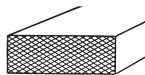
ElectroNit All Mesh EMI Gasketing



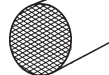
All Mesh Single Round with Fin Strip



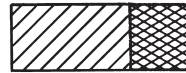
All Mesh Double Round with Fin Strip



All Mesh Rectangular Strip



All Mesh Round Strip

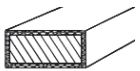


Enviro-Seal Strip with Pressure-Sensitive Adhesive



Double Shield Enviro-Seal Strip with Pressure-Sensitive Adhesive

ElectroNit Elastomer Core EMI Gasketing



Rectangular with Sponge Elastomer



Round with Sponge Elastomer



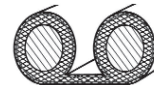
Round with Silicone Elastomer Tubing



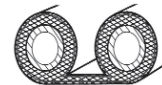
Single Fin with Sponge Elastomer



Single Fin with Silicone Elastomer Tubing



Double Fin with Sponge Elastomer

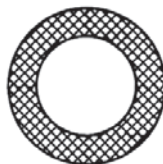


Double Fin with Silicone Elastomer Tubing

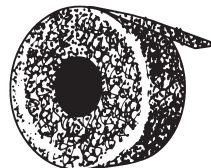
Electronit supersoft



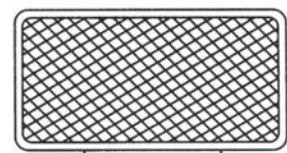
ElectroGround EMI Washers



ElectroMesh Tape



UltraSoft Knit



KNITTED CONDUCTIVE GASKETS

PART NUMBER CROSS REFERENCE

When ordering, please call our sales department to confirm availability and lead times.

KNITTED CONDUCTIVE EMI GASKETS

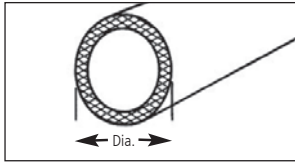
PART NO.	PRODUCT	PAGE NO.
8101-01XX-40,41,47,48,49	ULTRAFLEX ELECTRONIT HOLLOW CORE ROUND	
8102-02XX-40,41,47,48,49	ULTRAFLEX D ELECTRONIT WITH PSA	
8103-01XX-40,41,47,48,49	ULTRAFLEX ELECTRONIT HOLLOW CORE ROUND WITH SINGLE FIN	
8104-01XX-40,41,47,48,49	ULTRAFLEX ELECTRONIT HOLLOW CORE DOUBLE ROUND	
8300-XXXX-40,42,43,44,46	ELECTROMESH TAPE	
8401-01XX-XX	ELECTRONIT ALL MESH RECTANGULAR STRIP	
8402-01XX-XX	ELECTRONIT ALL MESH ROUND STRIP	
8403-01XX-50,52,54,55,60,61	ELECTRONIT SINGLE FIN WITH SPONGE ELASTOMER	
8403-01XX-XX	ELECTRONIT ALL MESH SINGLE ROUND WITH FIN STRIP	
8404-01XX-XX	ELECTRONIT ALL MESH DOUBLE ROUND WITH FIN STRIP	
8405-01XX-50,52,54,55,60,61	ELECTRONIT ENVIRO-SEAL DOUBLE SHIELD STRIPS WITH PSA	
8406-01XX-50,52,54,55,60,61	ELECTRONIT ENVIRO-SEAL STRIPS WITH PSA	
8409-01XX-50,52,54,55,60,61	ELECTRONIT RECTANGULAR WITH SPONGE ELASTOMER	
8410-01XX-50,52,54,55,60,61	ELECTRONIT ROUND WITH SPONGE ELASTOMER	
8412-01XX-50,52,54,55,60,61	ELECTRONIT DOUBLE FIN WITH SPONGE ELASTOMER	
8413-01XX-56,64,65	ELECTRONIT ROUND WITH SILICONE ELASTOMER TUBING	
8414-01XX-56,64,65	ELECTRONIT SINGLE FIN WITH SILICONE ELASTOMER TUBING	
8415-01XX-56,64,65	ELECTRONIT DOUBLE FIN WITH SILICONE ELASTOMER TUBING	
843X-2XXX-X	ELECTRONIT SUPERSOFT	
8417-3XXX-62	ULTRASOFT KNIT GASKETS	
89XX-01XX-40,42,43,44,46	ELECTROGROUND EMI WASHERS	

KNITTED CONDUCTIVE GASKETS

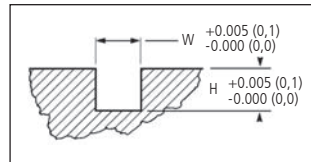
ULTRAFLEX[®]

SIZE VS. TOLERANCE: ULTRAFLEX HOLLOW CORE ROUND

Size Range	Tolerance	
	Diameter	
To 0.120 (3,1)	+ 0.020/- 0.000 (+0,5/-0,0)	
0.130 to 0.380 (3,3 to 9,7)	+ 0.030/- 0.000 (+0,8/-0,0)	
0.390 to 0.050 (9,9 to 12,7)	+ 0.046/- 0.000 (+1,2/-0,0)	
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.000 (+1,6/-0,0)	

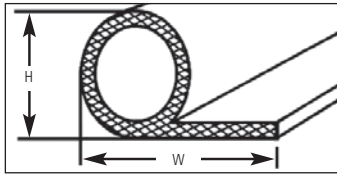


Groove Dimensions



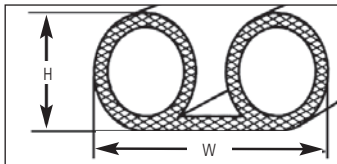
SIZE VS. TOLERANCE: ULTRAFLEX HOLLOW CORE ROUND WITH SINGLE FIN

Size Range	Tolerance	
	Dim W	Dim H
To 0.180 (4,6)	N/A	+ 0.020/- 0.000 (+0,5/-0,0)
0.190 to 0.380 (4,8 to 9,7)	+ 0.060/- 0.030 (+1,5/-0,8)	+ 0.030/- 0.000 (+0,8/-0,0)
0.390 to 0.050 (9,9 to 12,7)	+ 0.060/- 0.060 (+1,5/-1,5)	+ 0.046/- 0.000 (+1,2/-0,0)
0.510 to 1.000 (13,0 to 25,4)	+ 0.090/- 0.060 (+2,3/-1,5)	+ 0.062/- 0.000 (+1,6/-0,0)



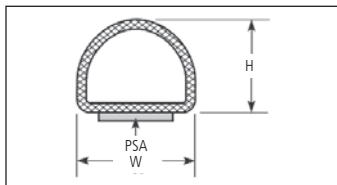
SIZE VS. TOLERANCE: ULTRAFLEX HOLLOW CORE DOUBLE ROUND

Size Range	Tolerance	
	Dim W	Dim H
To 0.180 (4,6)	N/A	+ 0.020/- 0.000 (+0,5/-0,0)
0.190 to 0.380 (4,8 to 9,7)	+ 0.060/- 0.030 (+1,5/-0,8)	+ 0.030/- 0.000 (+0,8/-0,0)
0.390 to 0.050 (9,9 to 12,7)	+ 0.060/- 0.060 (+1,5/-1,5)	+ 0.046/- 0.000 (+1,2/-0,0)
0.510 to 1.000 (13,0 to 25,4)	+ 0.090/- 0.060 (+2,3/-1,5)	+ 0.062/- 0.000 (+1,6/-0,0)



SIZE VS. TOLERANCE: ULTRAFLEX D WITH PSA

Size Range	Tolerance	
	Dim W	Dim H
0.120 to 0.250 (3,1 to 6,4)	+ 0.030/- 0.000 (+0,8/-0,0)	+ 0.030/- 0.000 (+0,8/-0,0)
0.260 to 0.380 (6,6 to 9,7)	+ 0.040/- 0.000 (+1,0/-0,0)	+ 0.040/- 0.000 (+1,0/-0,0)
0.390 to 0.050 (9,9 to 12,7)	+ 0.050/- 0.000 (+1,3/-0,0)	+ 0.040/- 0.000 (+1,0/-0,0)



For Size vs. Tolerance charts, dimensions measured under 4 oz. load (11,3 gms) with 0.750 dia. (19,1 mm) anvil.

ULTRAFLEX HOLLOW CORE ROUND

Laird Technologies Part No.	Groove Dimensions		Diameter
	W	H	
8101-0101-40	0.047 (1,2)	0.060 (1,5)	0.062 (1,6)
8101-0102-40	0.069 (1,8)	0.090 (2,3)	0.093 (2,4)
8101-0103-40	0.093 (2,4)	0.120 (3,1)	0.125 (3,2)
8101-0104-40	0.117 (3,0)	0.150 (3,8)	0.156 (4,0)
8101-0105-40	0.140 (3,6)	0.180 (4,6)	0.187 (4,8)
8101-0106-40	0.187 (4,8)	0.240 (6,1)	0.250 (6,4)
8101-0107-40	0.234 (5,9)	0.292 (7,4)	0.312 (7,9)
8101-0108-40	0.281 (7,1)	0.360 (9,1)	0.375 (9,5)
8101-0109-40	0.375 (9,5)	0.485 (12,3)	0.500 (12,7)
8101-0135-40	0.563 (14,3)	0.730 (18,5)	0.750 (19,1)

ULTRAFLEX HOLLOW CORE ROUND WITH SINGLE FIN

Laird Technologies Part No.*	Width	Height
8103-0125-40	0.300 (7,6)	0.093 (2,4)
8103-0101-40	0.375 (9,5)	0.062 (1,6)
8103-0104-40	0.375 (9,5)	0.125 (3,2)
8103-0118-40	0.375 (9,5)	0.156 (4,0)
8103-0102-40	0.500 (12,7)	0.062 (1,6)
8103-0103-40	0.500 (12,7)	0.093 (2,4)
8103-0107-40	0.500 (12,7)	0.156 (4,0)
8103-0109-40	0.500 (12,7)	0.250 (6,4)
8103-0117-40	0.500 (12,7)	0.375 (9,5)
8103-0105-40	0.625 (15,9)	0.125 (3,2)
8103-0108-40	0.625 (15,9)	0.187 (4,8)
8103-0112-40	0.625 (15,9)	0.312 (7,9)
8103-0106-40	0.750 (19,1)	0.125 (3,2)
8103-0110-40	0.750 (19,1)	0.250 (6,4)
8103-0113-40	0.875 (22,2)	0.312 (7,9)
8103-0111-40	1.000 (25,4)	0.250 (6,4)
8103-0114-40	1.000 (25,4)	0.375 (9,5)
8103-0115-40	1.000 (25,4)	0.437 (11,1)
8103-0116-40	1.000 (25,4)	0.500 (12,7)

ULTRAFLEX HOLLOW CORE DOUBLE ROUND

Laird Technologies Part No.*	Width	Height
8104-0101-40	0.500 (12,7)	0.062 (1,6)
8104-0102-40	0.500 (12,7)	0.125 (3,2)
8104-0105-40	0.625 (15,9)	0.187 (4,8)
8104-0103-40	0.750 (19,1)	0.125 (3,2)
8104-0107-40	0.750 (19,1)	0.250 (6,4)
8104-0104-40	1.000 (25,4)	0.125 (3,2)
8104-0106-40	1.000 (25,4)	0.187 (4,8)
8104-0108-40	1.000 (25,4)	0.250 (6,4)
8104-0109-40	1.000 (25,4)	0.375 (9,5)

ULTRAFLEX D WITH PSA

Laird Technologies Part No.	Width	Height
8102-0202-40	0.200 (5,1)	0.130 (3,3)
8102-0209-40	0.250 (6,4)	0.125 (3,2)
8102-0203-40	0.250 (6,4)	0.190 (4,8)
8102-0204-40	0.312 (7,9)	0.250 (6,4)
8102-0205-40	0.380 (9,7)	0.312 (7,9)
8102-0206-40	0.500 (12,7)	0.375 (9,5)
8102-0207-40	0.750 (19,1)	0.670 (17,0)

For other platings, replace the suffix "40" as follows: **41**-Tin plate; **47**-Nickel plate; **48**-Cadmium plate; **49**-Zinc clear chromate. Other platings available upon request.

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

KNITTED CONDUCTIVE GASKETS

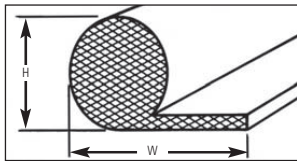
ALL MESH

MATERIAL SPECIFICATIONS

Material Code	Wire Type	Specification
40	Beryllium Copper	ASTM B 197
42	Monel [®]	QQ N 281 Class A
43	Aluminum	5056 Alloy
44	Tin Plated Copper Clad Steel	ASTM B 520
46	Stainless Steel Alloy	SS304

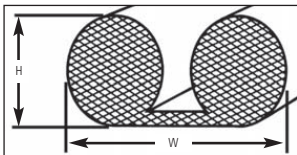
SIZE VS. TOLERANCE: ALL MESH SINGLE ROUND WITH FIN STRIP

Size Range	Tolerance	
	Dim W	Dim H
0.130 to 0.380 (3,3 to 9,7)	+ 0.060/- 0.030 (+1,5/-0,8)	+ 0.030/- 0.030 (+0,8/-0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.060/- 0.060 (+1,5/-1,5)	+ 0.040/- 0.030 (+1,2/-0,8)
0.510 to 1.000 (13,0 to 25,4)	+ 0.090/- 0.060 (+2,3/-1,5)	+ 0.062/- 0.040 (+1,6/-1,0)



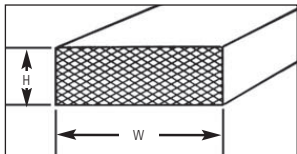
SIZE VS. TOLERANCE: ALL MESH DOUBLE ROUND WITH FIN STRIP

Size Range	Tolerance	
	Dim W	Dim H
To 0.180 (4,6)	N/A	+ 0.020/- 0.000 (+0,5/-0,0)
0.190 to 0.380 (4,8 to 9,7)	+ 0.060/- 0.030 (+1,5/-0,8)	+ 0.030/- 0.030 (+0,8/-0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.060/- 0.060 (+1,5/-1,5)	+ 0.040/- 0.030 (+1,2/-0,8)
0.510 to 1.000 (13,0 to 25,4)	+ 0.090/- 0.060 (+2,3/-1,5)	+ 0.062/- 0.040 (+1,6/-1,0)



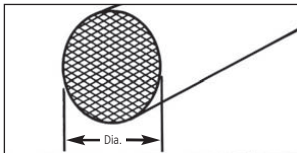
SIZE VS. TOLERANCE: ALL MESH RECTANGULAR STRIP

Size Range	Tolerance	
	Dim W	Dim H
To 0.180 (4,6)	+ 0.020/- 0.000 (+0,5/-0,0)	+ 0.020/- 0.000 (+0,5/-0,0)
0.190 to 0.380 (4,8 to 9,7)	+ 0.030/- 0.000 (+0,8/-0,0)	+ 0.030/- 0.000 (+0,8/-0,0)
0.390 to 0.050 (9,9 to 12,7)	+ 0.046/- 0.000 (+1,2/-0,0)	+ 0.046/- 0.000 (+1,2/-0,0)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.000 (+1,6/-0,0)	+ 0.062/- 0.000 (+1,6/-0,0)



SIZE VS. TOLERANCE: ALL MESH ROUND STRIP

Size Range	Tolerance
	Diameter
To 0.120 (3,1)	+ 0.020/- 0.000 (+0,5/-0,0)
0.130 to 0.380 (3,3 to 9,7)	+ 0.030/- 0.000 (+0,8/-0,0)
0.390 to 0.050 (9,9 to 12,7)	+ 0.046/- 0.000 (+1,2/-0,0)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.000 (+1,6/-0,0)



For Size vs. Tolerance charts, dimensions measured under 4 oz. load (11,3 gms) with 0.750 dia. (19,1 mm) anvil.

ALL MESH SINGLE ROUND WITH FIN STRIP

Base Part No.*	Fin Portion Width	Round Portion Height	Base Part No.*	Fin Portion Width	Round Portion Height
8403-0101-XX	0.375 (9,5)	0.062 (1,8)	8403-0121-XX	0.750 (19,1)	0.187 (4,8)
8403-0104-XX	0.375 (9,5)	0.125 (3,2)	8403-0110-XX	0.750 (19,1)	0.250 (6,4)
8403-0102-XX	0.500 (12,7)	0.062 (1,8)	8403-0113-XX	0.875 (22,2)	0.312 (7,9)
8403-0103-XX	0.500 (12,7)	0.093 (2,4)	8403-0111-XX	1.000 (25,4)	0.250 (6,4)
8403-0107-XX	0.500 (12,7)	0.156 (4,0)	8403-0114-XX	1.000 (25,4)	0.375 (9,5)
8403-0109-XX	0.500 (12,7)	0.250 (6,4)	8403-0115-XX	1.000 (25,4)	0.437 (11,1)
8403-0105-XX	0.625 (15,9)	0.125 (3,2)	8403-0116-XX	1.000 (25,4)	0.500 (12,7)
8403-0108-XX	0.625 (15,9)	0.187 (4,8)	8403-0131-XX	1.500 (38,1)	0.375 (9,5)
8403-0112-XX	0.625 (15,9)	0.312 (7,9)	8403-0125-XX	1.500 (38,1)	0.500 (12,7)
8403-0106-XX	0.750 (19,1)	0.125 (3,2)			

ALL MESH DOUBLE ROUND WITH FIN STRIP

Base Part No.*	Connecting Width	Round Height
8404-0101-XX	0.500 (12,7)	0.062 (1,6)
8404-0102-XX	0.500 (12,7)	0.125 (3,2)
8404-0105-XX	0.625 (15,9)	0.187 (4,8)
8404-0103-XX	0.750 (19,1)	0.125 (3,2)
8404-0107-XX	0.750 (19,1)	0.250 (6,4)
8404-0104-XX	1.000 (25,4)	0.125 (3,2)
8404-0106-XX	1.000 (25,4)	0.187 (4,8)
8404-0108-XX	1.000 (25,4)	0.250 (6,4)
8404-0109-XX	1.000 (25,4)	0.375 (9,5)
8404-0115-XX	1.250 (31,8)	0.250 (6,4)
8404-0124-XX	1.500 (38,1)	0.375 (9,5)
8404-0120-XX	1.500 (38,1)	0.500 (12,7)
8404-0121-XX	2.000 (50,8)	0.375 (9,5)
8404-0118-XX	2.000 (50,8)	0.500 (12,7)
8404-0122-XX	2.500 (63,5)	0.500 (12,7)

ALL MESH RECTANGULAR STRIP

Base Part No.*	Width W	Height H	Base Part No.*	Width W	Height H
8401-0101-XX	0.062 (1,8)	0.062 (1,6)	8401-0123-XX	0.250 (6,4)	0.250 (6,4)
8401-0134-XX	0.093 (2,4)	0.062 (1,8)	8401-0104-XX	0.312 (7,9)	0.062 (1,6)
8401-0107-XX	0.093 (2,4)	0.093 (2,4)	8401-0115-XX	0.312 (7,9)	0.125 (3,2)
8401-0102-XX	0.125 (3,2)	0.062 (1,6)	8401-0122-XX	0.312 (7,9)	0.187 (4,8)
8401-0108-XX	0.125 (3,2)	0.093 (2,4)	8401-0124-XX	0.312 (7,9)	0.250 (6,4)
8401-0112-XX	0.125 (3,2)	0.125 (3,2)	8401-0105-XX	0.375 (9,5)	0.062 (1,6)
8401-0137-XX	0.156 (4,0)	0.062 (1,8)	8401-0111-XX	0.375 (9,5)	0.093 (2,4)
8401-0129-XX	0.156 (4,0)	0.125 (3,2)	8401-0116-XX	0.375 (9,5)	0.125 (3,2)
8401-0142-XX	0.156 (4,0)	0.156 (4,0)	8401-0125-XX	0.375 (9,5)	0.250 (6,4)
8401-0103-XX	0.187 (4,8)	0.062 (1,6)	8401-0127-XX	0.375 (9,5)	0.375 (9,5)
8401-0109-XX	0.187 (4,8)	0.093 (2,4)	8401-0106-XX	0.500 (12,7)	0.062 (1,6)
8401-0113-XX	0.187 (4,8)	0.125 (3,2)	8401-0117-XX	0.500 (12,7)	0.125 (3,2)
8401-0120-XX	0.187 (4,8)	0.187 (4,8)	8401-0133-XX	0.500 (12,7)	0.187 (4,8)
8401-0131-XX	0.218 (5,5)	0.156 (4,0)	8401-0126-XX	0.500 (12,7)	0.250 (6,4)
8401-0155-XX	0.250 (6,4)	0.062 (1,8)	8401-0118-XX	0.750 (19,1)	0.125 (3,2)
8401-0110-XX	0.250 (6,4)	0.093 (2,4)	8401-144-XX	0.750 (19,1)	0.187 (4,8)
8401-0114-XX	0.250 (6,4)	0.125 (3,2)	8401-0119-XX	1.000 (25,4)	0.125 (3,2)
8401-0121-XX	0.250 (6,4)	0.187 (4,8)			

ALL MESH ROUND STRIP

Base Part No.	Diameter	Base Part No.	Diameter
8402-0101-XX	0.062 (1,6)	8402-0106-XX	0.250 (6,4)
8402-0102-XX	0.093 (2,4)	8402-0107-XX	0.312 (7,9)
8402-0103-XX	0.125 (3,2)	8402-0108-XX	0.375 (9,5)
8402-0104-XX	0.156 (4,0)	8402-0109-XX	0.500 (12,7)
8402-0105-XX	0.187 (4,8)		

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

KNITTED CONDUCTIVE GASKETS

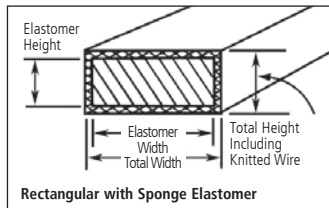
ELASTOMER CORE

MATERIAL SPECIFICATIONS

	Description	Specification
Wire Type	Beryllium Copper	ASTM B 197
	Monel [®]	QQ N 281 Class A
	Tin Plated Copper Clad Steel	ASTM B 520
Elastomer Type	Neoprene Sponge	MIL-R-6130 Type II, Grade A (Closed Cell) Conditioned Medium; Temp. Range -24°F to 212°F (-31,1°C to 100°C)
	Silicone Sponge	AMS 3195 (Closed Cell); Temp. Range -103°F to 400°F (-75°C to 204°C)
	Silicone Solid	ZZ-R-765, Class 2, Grade 50; Temp. Range -80°F to 500°F (-62,2°C to 260°C)

SIZE VS. TOLERANCE: RECTANGULAR WITH SPONGE ELASTOMER

Size Range	Tolerance	
	Width	Height
To 0.120 (3,1)	+ 0.030/- 0.020 (+0,8/-0,5)	+ 0.030/- 0.020 (+0,8/-0,5)
0.130 to 0.380 (3,3 to 9,7)	± 0.030 (±0,8)	± 0.030 (±0,8)
0.390 to 0.050 (9,9 to 12,7)	± 0.046 (±1,2)	± 0.046 (±1,2)
0.510 to 1.000 (13,0 to 25,4)	± 0.062 (±1,6)	± 0.062 (±1,6)



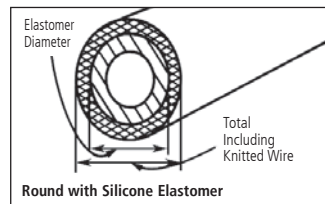
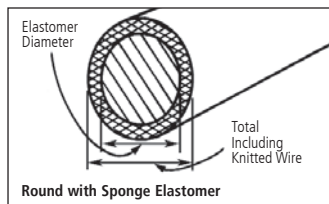
RECTANGULAR WITH SPONGE ELASTOMER

Laird Technologies Part No.*	Elastomer Width	Elastomer Height	Total Width	Total Height
8409-0101-50	0.125 (3,2)	0.125 (3,2)	0.160 (4,1)	0.160 (4,1)
8409-0102-50	0.188 (4,8)	0.125 (3,2)	0.225 (5,7)	0.160 (4,1)
8409-0104-50	0.188 (4,8)	0.188 (4,8)	0.225 (5,7)	0.225 (5,7)
8409-0130-50	0.250 (6,4)	0.062 (1,6)	0.270 (6,9)	0.082 (2,1)
8409-0103-50	0.250 (6,4)	0.125 (3,2)	0.285 (7,2)	0.160 (4,1)
8409-0105-50	0.250 (6,4)	0.250 (6,4)	0.285 (7,2)	0.285 (7,2)
8409-0125-50	0.375 (9,5)	0.125 (3,2)	0.410 (10,4)	0.160 (4,1)
8409-0166-50	0.375 (9,5)	0.250 (6,4)	0.410 (10,4)	0.285 (7,2)
8409-0126-50	0.375 (9,5)	0.375 (9,5)	0.405 (10,3)	0.405 (10,3)
8409-0158-50	0.500 (12,7)	0.125 (3,2)	0.518 (13,2)	0.143 (3,6)
8409-0106-50	0.500 (12,7)	0.250 (6,4)	0.535 (13,6)	0.285 (7,2)
8409-0132-50	0.500 (12,7)	0.250 (6,4)	0.535 (13,6)	0.285 (7,2)
8409-0161-50	0.500 (12,7)	0.312 (7,9)	0.540 (13,7)	0.352 (8,9)
8409-0117-50	0.500 (12,7)	0.500 (12,7)	0.535 (13,6)	0.535 (13,6)
8409-0176-50	0.750 (19,1)	0.250 (6,4)	0.785 (19,9)	0.285 (7,2)
8409-0168-50	1.000 (25,4)	0.250 (6,4)	1.035 (26,3)	0.285 (7,2)
8409-0173-50	1.250 (31,8)	0.500 (12,7)	1.272 (32,3)	0.567 (14,4)

The suffix "50" is BeCu neoprene sponge. For other materials, replace the suffix "50" as follows: **54**-Neoprene sponge and Monel; **52**-Silicone sponge and beryllium copper; **55**-Silicone sponge and Monel; **60**-Neoprene sponge and tin plated copper clad steel; **61**-Silicone sponge and tin plated copper clad steel.

SIZE VS. TOLERANCE: ROUND WITH SPONGE AND SILICONE

Size Range	Tolerance
	O.D.
To 0.120 (3,1)	± 0.020 (±0,5)
0.130 to 0.380 (3,3 to 9,7)	± 0.030 (±0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.040/-0.030 (+1,0/-0,8)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/-0.040 (+1,6/-1,0)



ROUND WITH SPONGE ELASTOMER

Laird Technologies Part No.	Elastomer Diameter	Total Diameter Over Wire	Laird Technologies Tubing Part No.	Tubing Diameter (O.D.)	Diameter Over Wire
8410-0101-50**	0.062 (1,6)	0.098 (2,5)	8413-0101-64	0.125 (3,2)	0.160 (4,1)
8410-0102-50	0.125 (3,2)	0.160 (4,1)	8413-0102-64	0.188 (4,8)	0.225 (5,7)
8410-0103-50	0.188 (4,8)	0.225 (5,7)	8413-0103-64	0.250 (6,4)	0.285 (7,2)
8410-0104-50	0.250 (6,4)	0.285 (7,2)	8413-0104-64	0.312 (7,9)	0.348 (8,8)
8410-0105-50	0.312 (7,9)	0.348 (8,8)	8413-0114-64	0.375 (9,5)	0.383 (9,7)
8410-0106-50	0.375 (9,5)	0.410 (10,4)	8413-0105-64	0.375 (9,5)	0.410 (10,4)
8410-0107-50	0.500 (12,7)	0.535 (13,6)	8413-0106-64	0.500 (12,7)	0.535 (13,6)

The suffix "50" is BeCu neoprene sponge. For other materials, replace the suffix "50" as follows: **54**-Neoprene sponge and Monel; **52**-Silicone sponge and beryllium copper; **55**-Silicone sponge and Monel; **60**-Neoprene sponge and tin plated copper clad steel; **61**-Silicone sponge and tin plated copper clad steel.

**Not available in Neoprene sponge.

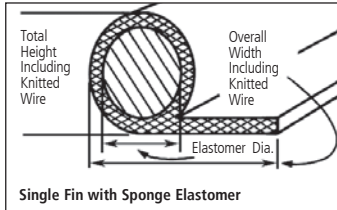
ROUND WITH SILICONE ELASTOMER TUBING

The suffix "64" is BeCu with silicone elastomer tubing. For other materials, replace the suffix "64" as follows: **56**-Silicone elastomer tubing with Monel; **65**-Silicone elastomer tubing with tin plated copper clad steel.

KNITTED CONDUCTIVE GASKETS ELASTOMER CORE

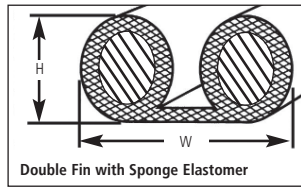
SIZE VS. TOLERANCE: SINGLE FIN WITH SPONGE ELASTOMER

Size Range	Tolerance	
	Width	Height
0.130 to 0.380 (3,3 to 9,7)	± 0.030 (±0,8)	+ 0.060/-0.030 (+1,5/-0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.040/- 0.030 (+1,0/-0,8)	± 0.060 (±1,5)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.040 (+1,6/-1,0)	+ 0.090/-0.060 (+2,3/-1,5)



SIZE VS. TOLERANCE: DOUBLE FIN WITH SPONGE ELASTOMER

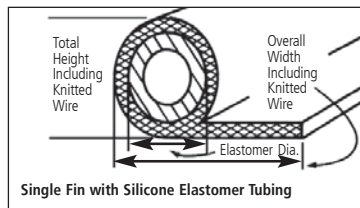
Size Range	Tolerance	
	Width	Height
0.130 to 0.380 (3,3 to 9,7)	± 0.030 (±0,8)	+ 0.060/- 0.030 (+1,5/-0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.040/- 0.030 (+1,0/-0,8)	± 0.060 (±1,5)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.040 (+1,6/-1,0)	+ 0.090/- 0.060 (+2,3/-1,5)



For Size vs. Tolerance charts, dimensions measured under 4 oz. load (11,3 gms) with 0.750 dia. (19,1 mm) anvil.

SIZE VS. TOLERANCE: SINGLE FIN WITH SILICONE ELASTOMER TUBING

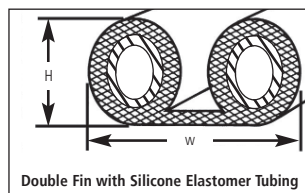
Size Range	Tolerance	
	Width	Height
0.130 to 0.380 (3,3 to 9,7)	± 0.030 (±0,8)	+ 0.060/- 0.030 (+1,5/-0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.040/- 0.030 (+1,0/-0,8)	± 0.060 (±1,5)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.040 (+1,6/-1,0)	+ 0.090/- 0.060 (+2,3/-1,5)



For Size vs. Tolerance charts, dimensions measured under 4 oz. load (11,3 gms) with 0.750 dia. (19,1 mm) anvil.

SIZE VS. TOLERANCE: DOUBLE FIN WITH SILICONE ELASTOMER TUBING

Size Range	Tolerance	
	Width	Height
0.130 to 0.380 (3,3 to 9,7)	± 0.030 (±0,8)	+ 0.060/- 0.030 (+1,5/-0,8)
0.390 to 0.050 (9,9 to 12,7)	+ 0.040/- 0.030 (+1,0/-0,8)	± 0.060 (±1,5)
0.510 to 1.000 (13,0 to 25,4)	+ 0.062/- 0.040 (+1,6/-1,0)	+ 0.090/- 0.060 (+2,3/-1,5)



For Size vs. Tolerance charts, dimensions measured under 4 oz. load (11,3 gms) with 0.750 dia. (19,1 mm) anvil.

SINGLE FIN WITH SPONGE ELASTOMER

Laird Technologies Part No.*	Elastomer Diameter	Overall Width	Total Height
8403-0101-50	0.125 (3,2)	0.500 (12,7)	0.160 (4,1)
8403-0102-50	0.125 (3,2)	0.750 (19,1)	0.160 (4,1)
8403-0103-50	0.188 (4,8)	0.625 (15,9)	0.225 (5,7)
8403-0104-50	0.188 (4,8)	0.750 (19,1)	0.225 (5,7)
8403-0105-50	0.250 (6,4)	0.750 (19,1)	0.285 (7,2)
8403-0106-50	0.250 (6,4)	1.000 (25,4)	0.285 (7,2)
8403-0107-50	0.500 (12,7)	1.000 (25,4)	0.535 (13,6)

The suffix "50" is BeCu neoprene sponge. For other materials, replace the suffix "50" as follows: **54**-Neoprene sponge and Monel; **52**-Silicone sponge and beryllium copper; **55**-Silicone sponge and Monel; **60**- Neoprene sponge and tin plated copper clad steel; **61**-Silicone sponge and tin plated copper clad steel.

* For part number ordering information on pressure-sensitive adhesive tape see page 1.4.

DOUBLE FIN WITH SPONGE ELASTOMER

Laird Technologies Part No.*	Elastomer Diameter	Overall Width	Total Height
8412-0101-50	0.125 (3,2)	0.500 (12,7)	0.160 (4,1)
8412-0102-50	0.125 (3,2)	0.750 (19,1)	0.160 (4,1)
8412-0103-50	0.188 (4,8)	0.625 (15,9)	0.225 (5,7)
8412-0104-50	0.188 (4,8)	0.750 (19,1)	0.225 (5,7)
8412-0105-50	0.250 (6,4)	1.000 (25,4)	0.285 (7,2)
8412-0107-50	0.500 (12,7)	1.312 (33,3)	0.535 (13,6)

The suffix "50" is BeCu neoprene sponge. For other materials, replace the suffix "50" as follows: **54**-Neoprene sponge and Monel; **52**-Silicone sponge and beryllium copper; **55**-Silicone sponge and Monel; **60**- Neoprene sponge and tin plated copper clad steel; **61**-Silicone sponge and tin plated copper clad steel.

SINGLE FIN WITH SILICONE ELASTOMER TUBING

Laird Technologies Part No.*	Tubing Diameter (O.D.)	Overall Width	Total Height Over Wire
8414-0101-64	0.125 (3,2)	0.500 (12,7)	0.160 (4,1)
8414-0102-64		0.750 (19,1)	
8414-0103-64	0.188 (4,8)	0.625 (15,9)	0.225 (5,7)
8414-0104-64		0.750 (19,1)	
8414-0105-64	0.250 (6,6)	0.750 (19,1)	0.285 (7,2)
8414-0106-64		1.000 (25,4)	
8414-0107-64	0.312 (7,9)	0.625 (15,9)	0.348 (8,8)
8414-0108-64		1.000 (25,4)	
8414-0109-64	0.375 (9,5)	0.750 (19,1)	0.410 (10,4)
8414-0110-64		1.120 (28,5)	
8414-0111-64	0.500 (12,7)	1.000 (25,4)	0.535 (13,6)
8414-0112-64		1.250 (31,8)	

The suffix "64" is BeCu with silicone elastomer tubing. For other materials, replace the suffix "64" as follows: **56**-Silicone elastomer tubing with Monel; **65**-Silicone elastomer tubing with tin plated copper clad steel.

DOUBLE FIN WITH SILICONE ELASTOMER TUBING

Laird Technologies Part No.*	Tubing Diameter (O.D.)	Overall Width	Total Height Over Wire
8415-0101-64	0.125 (3,2)	0.500 (12,7)	0.160 (4,1)
8415-0102-64		0.750 (19,1)	
8415-0103-64	0.188 (4,8)	0.625 (15,9)	0.225 (5,7)
8415-0104-64		0.750 (19,1)	
8415-0105-64	0.250 (6,4)	0.750 (19,1)	0.285 (7,2)
8415-0106-64		1.000 (25,4)	
8415-0108-64	0.312 (7,9)	1.000 (25,4)	0.348 (8,8)
8415-0110-64		1.120 (28,5)	
8415-0112-64	0.500 (12,7)	1.250 (31,8)	0.535 (13,6)

The suffix "64" is BeCu with silicone elastomer tubing. For other materials, replace the suffix "64" as follows: **56**-Silicone elastomer tubing with Monel; **65**-Silicone elastomer tubing with tin plated copper clad steel.

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

KNITTED CONDUCTIVE GASKETS

ELECTROGROUND[®] EMI WASHERS

FIGURE 5. ELECTROGROUND WASHER DIMENSIONS

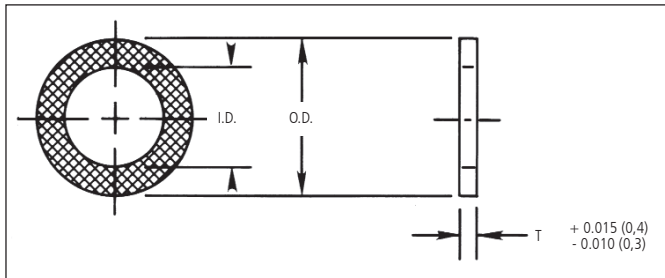


TABLE 1. DIMENSIONS (CONTINUED)

Laird Technologies Part No.	O.D.	I.D.	Free Height Maximum "T"
8901-0116-XX	0.375 (9,5)	0.240 (6,1)	0.093 (2,4)
8904-0116-XX	0.375 (9,5)	0.240 (6,1)	0.125 (3,2)
8905-0116-XX	0.375 (9,5)	0.240 (6,1)	0.156 (4,0)
8906-0116-XX	0.375 (9,5)	0.240 (6,1)	0.187 (4,7)
8907-0116-XX	0.375 (9,5)	0.240 (6,1)	0.250 (6,4)
8901-0117-XX	0.375 (9,5)	0.187 (4,8)	0.032 (0,8)
8905-0117-XX	0.375 (9,5)	0.187 (4,8)	0.062 (1,6)
8903-0117-XX	0.375 (9,5)	0.187 (4,8)	0.093 (2,4)
8902-0117-XX	0.375 (9,5)	0.187 (4,8)	0.125 (3,2)
8911-0117-XX	0.375 (9,5)	0.187 (4,8)	0.156 (4,0)
8912-0117-XX	0.375 (9,5)	0.187 (4,8)	0.187 (4,7)
8904-0117-XX	0.375 (9,5)	0.187 (4,8)	0.250 (6,4)
8909-0102-XX	0.459 (11,7)	0.335 (8,5)	0.032 (0,8)
8901-0102-XX	0.459 (11,7)	0.335 (8,5)	0.062 (1,6)
8910-0102-XX	0.459 (11,7)	0.335 (8,5)	0.093 (2,4)
8902-0102-XX	0.459 (11,7)	0.335 (8,5)	0.125 (3,3)
8911-0102-XX	0.459 (11,7)	0.335 (8,5)	0.156 (4,0)
8912-0102-XX	0.459 (11,7)	0.335 (8,5)	0.187 (4,7)
8905-0102-XX	0.459 (11,7)	0.335 (8,5)	0.250 (6,4)
8902-0110-XX	0.500 (12,7)	0.172 (4,4)	0.032 (0,8)
8903-0110-XX	0.500 (12,7)	0.172 (4,4)	0.062 (1,6)
8904-0110-XX	0.500 (12,7)	0.172 (4,4)	0.093 (2,4)
8901-0110-XX	0.500 (12,7)	0.172 (4,4)	0.125 (3,2)
8905-0110-XX	0.500 (12,7)	0.172 (4,4)	0.156 (4,0)
8906-0110-XX	0.500 (12,7)	0.172 (4,4)	0.187 (4,7)
8907-0110-XX	0.500 (12,7)	0.172 (4,4)	0.250 (6,4)
8907-0101-XX	0.500 (12,7)	0.212 (5,4)	0.032 (0,8)
8904-0101-XX	0.500 (12,7)	0.212 (5,4)	0.062 (1,6)
8901-0101-XX	0.500 (12,7)	0.212 (5,4)	0.093 (2,4)
8906-0101-XX	0.500 (12,7)	0.212 (5,4)	0.125 (3,2)
8908-0101-XX	0.500 (12,7)	0.212 (5,4)	0.156 (4,0)
8909-0101-XX	0.500 (12,7)	0.212 (5,4)	0.187 (4,7)
8902-0101-XX	0.500 (12,7)	0.212 (5,4)	0.250 (6,4)
8908-0122-XX	0.500 (12,7)	0.240 (6,1)	0.032 (0,8)
8909-0122-XX	0.500 (12,7)	0.240 (6,1)	0.062 (1,6)
8910-0122-XX	0.500 (12,7)	0.240 (6,1)	0.093 (2,4)
8903-0122-XX	0.500 (12,7)	0.240 (6,1)	0.125 (3,2)
8911-0122-XX	0.500 (12,7)	0.240 (6,1)	0.156 (4,0)
8912-0122-XX	0.500 (12,7)	0.240 (6,1)	0.187 (4,7)
8902-0122-XX	0.500 (12,7)	0.240 (6,1)	0.250 (6,4)
8904-0105-XX	0.500 (12,7)	0.312 (7,9)	0.032 (0,8)
8918-0105-XX	0.500 (12,7)	0.312 (7,9)	0.062 (1,6)
8919-0105-XX	0.500 (12,7)	0.312 (7,9)	0.093 (2,4)
8909-0105-XX	0.500 (12,7)	0.312 (7,9)	0.125 (3,2)
8903-0105-XX	0.500 (12,7)	0.312 (7,9)	0.156 (4,0)
8920-0105-XX	0.500 (12,7)	0.312 (7,9)	0.187 (4,7)
8910-0105-XX	0.500 (12,7)	0.312 (7,9)	0.250 (6,4)
8902-0108-XX	0.500 (12,7)	0.375 (9,5)	0.032 (0,8)
8907-0108-XX	0.500 (12,7)	0.375 (9,5)	0.062 (1,6)
8908-0108-XX	0.500 (12,7)	0.375 (9,5)	0.093 (2,4)
8909-0108-XX	0.500 (12,7)	0.375 (9,5)	0.125 (3,2)
8910-0108-XX	0.500 (12,7)	0.375 (9,5)	0.156 (4,0)
8906-0108-XX	0.500 (12,7)	0.375 (9,5)	0.187 (4,7)
8911-0108-XX	0.500 (12,7)	0.375 (9,5)	0.250 (6,4)

ELECTROGROUND WASHER SIZES, MATERIALS AND TOLERANCES

TABLE 1. DIMENSIONS

Laird Technologies Part No.	O.D.	I.D.	Free Height Maximum "T"
8904-0178-XX	0.200 (5,1)	0.125 (3,2)	0.032 (0,8)
8905-0178-XX	0.200 (5,1)	0.125 (3,2)	0.062 (1,6)
8906-0178-XX	0.200 (5,1)	0.125 (3,2)	0.093 (2,4)
8907-0178-XX	0.200 (5,1)	0.125 (3,2)	0.125 (3,2)
8908-0178-XX	0.200 (5,1)	0.125 (3,2)	0.156 (4,0)
8909-0178-XX	0.200 (5,1)	0.125 (3,2)	0.187 (4,7)
8910-0178-XX	0.200 (5,1)	0.125 (3,2)	0.250 (6,4)
8904-0107-XX	0.223 (5,7)	0.052 (1,3)	0.032 (0,8)
8902-0107-XX	0.223 (5,7)	0.052 (1,3)	0.062 (1,6)
8905-0107-XX	0.223 (5,7)	0.052 (1,3)	0.093 (2,4)
8901-0107-XX	0.223 (5,7)	0.052 (1,3)	0.125 (3,2)
8906-0107-XX	0.223 (5,7)	0.052 (1,3)	0.156 (4,0)
8907-0107-XX	0.223 (5,7)	0.052 (1,3)	0.187 (4,7)
8908-0107-XX	0.223 (5,7)	0.052 (1,3)	0.250 (6,4)
8902-0109-XX	0.225 (5,7)	0.120 (3,0)	0.032 (0,8)
8904-0109-XX	0.225 (5,7)	0.120 (3,0)	0.062 (1,6)
8905-0109-XX	0.225 (5,7)	0.120 (3,0)	0.093 (2,4)
8906-0109-XX	0.225 (5,7)	0.120 (3,0)	0.125 (3,2)
8907-0109-XX	0.225 (5,7)	0.120 (3,0)	0.156 (4,0)
8903-0109-XX	0.225 (5,7)	0.120 (3,0)	0.187 (4,7)
8908-0109-XX	0.225 (5,7)	0.120 (3,0)	0.250 (6,4)
8902-0118-XX	0.255 (6,5)	0.150 (3,8)	0.032 (0,8)
8906-0118-XX	0.255 (6,5)	0.150 (3,8)	0.062 (1,6)
8907-0118-XX	0.255 (6,5)	0.150 (3,8)	0.093 (2,4)
8904-0118-XX	0.255 (6,5)	0.150 (3,8)	0.125 (3,2)
8908-0118-XX	0.255 (6,5)	0.150 (3,8)	0.156 (4,0)
8901-0118-XX	0.255 (6,5)	0.150 (3,8)	0.187 (4,7)
8909-0118-XX	0.255 (6,5)	0.150 (3,8)	0.250 (6,4)
8902-0116-XX	0.375 (9,5)	0.240 (6,1)	0.032 (0,8)
8903-0116-XX	0.375 (9,5)	0.240 (6,1)	0.062 (1,6)

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

KNITTED CONDUCTIVE GASKETS ELECTROGROUND® EMI WASHERS

TABLE 1. DIMENSIONS (continued)

Laird Technologies Part No.	O.D.	I.D.	Free Height Maximum "T"
8908-0125-XX	0.525 (13,3)	0.355 (9,0)	0.032 (0,8)
8909-0125-XX	0.525 (13,3)	0.355 (9,0)	0.062 (1,6)
8904-0125-XX	0.525 (13,3)	0.355 (9,0)	0.093 (2,4)
8910-0125-XX	0.525 (13,3)	0.355 (9,0)	0.125 (3,2)
8911-0125-XX	0.525 (13,3)	0.355 (9,0)	0.156 (4,0)
8912-0125-XX	0.525 (13,3)	0.355 (9,0)	0.187 (4,8)
8903-0125-XX	0.525 (13,3)	0.355 (9,0)	0.250 (6,4)
8902-0129-XX	0.625 (15,9)	0.250 (6,4)	0.032 (0,8)
8903-0129-XX	0.625 (15,9)	0.250 (6,4)	0.062 (1,6)
8904-0129-XX	0.625 (15,9)	0.250 (6,4)	0.093 (2,4)
8905-0129-XX	0.625 (15,9)	0.250 (6,4)	0.125 (3,2)
8906-0129-XX	0.625 (15,9)	0.250 (6,4)	0.156 (4,0)
8907-0129-XX	0.625 (15,9)	0.250 (6,4)	0.187 (4,7)
8908-0129-XX	0.625 (15,9)	0.250 (6,4)	0.250 (6,4)
8911-0130-XX	0.625 (15,9)	0.370 (9,4)	0.032 (0,8)
8914-0130-XX	0.625 (15,9)	0.370 (9,4)	0.062 (1,6)
8913-0130-XX	0.625 (15,9)	0.370 (9,4)	0.093 (2,4)
8915-0130-XX	0.625 (15,9)	0.370 (9,4)	0.125 (3,2)
8901-0130-XX	0.625 (15,9)	0.370 (9,4)	0.156 (4,0)
8917-0130-XX	0.625 (15,9)	0.370 (9,4)	0.187 (4,7)
8904-0130-XX	0.625 (15,9)	0.370 (9,4)	0.250 (6,4)
8903-0180-XX	0.625 (15,9)	0.460 (11,7)	0.032 (0,8)
8904-0180-XX	0.625 (15,9)	0.460 (11,7)	0.062 (1,6)
8905-0180-XX	0.625 (15,9)	0.460 (11,7)	0.093 (2,4)
8906-0180-XX	0.625 (15,9)	0.460 (11,7)	0.125 (3,2)
8907-0180-XX	0.625 (15,9)	0.460 (11,7)	0.156 (4,0)
8901-0180-XX	0.625 (15,9)	0.460 (11,7)	0.187 (4,7)
8908-0180-XX	0.625 (15,9)	0.460 (11,7)	0.250 (6,4)
8903-0135-XX	0.625 (15,9)	0.490 (12,4)	0.032 (0,8)
8918-0135-XX	0.625 (15,9)	0.490 (12,4)	0.062 (1,6)
8919-0135-XX	0.625 (15,9)	0.490 (12,4)	0.093 (2,4)
8911-0135-XX	0.625 (15,9)	0.490 (12,4)	0.125 (3,2)
8916-0135-XX	0.625 (15,9)	0.490 (12,4)	0.156 (4,0)
8902-0135-XX	0.625 (15,9)	0.490 (12,4)	0.187 (4,7)
8906-0135-XX	0.625 (15,9)	0.490 (12,4)	0.250 (6,4)
8902-0137-XX	0.689 (17,5)	0.374 (9,5)	0.032 (0,8)
8903-0137-XX	0.689 (17,5)	0.374 (9,5)	0.062 (1,6)
8904-0137-XX	0.689 (17,5)	0.374 (9,5)	0.093 (2,4)
8905-0137-XX	0.689 (17,5)	0.374 (9,5)	0.125 (3,2)
8901-0137-XX	0.689 (17,5)	0.374 (9,5)	0.156 (4,0)
8906-0137-XX	0.689 (17,5)	0.374 (9,5)	0.187 (4,7)
8907-0137-XX	0.689 (17,5)	0.374 (9,5)	0.250 (6,4)
8903-0177-XX	0.750 (19,1)	0.187 (4,7)	0.032 (0,8)
8901-0177-XX	0.750 (19,1)	0.187 (4,7)	0.062 (1,6)
8904-0177-XX	0.750 (19,1)	0.187 (4,7)	0.093 (2,4)
8905-0177-XX	0.750 (19,1)	0.187 (4,7)	0.125 (3,2)
8906-0177-XX	0.750 (19,1)	0.187 (4,7)	0.156 (4,0)
8907-0177-XX	0.750 (19,1)	0.187 (4,7)	0.187 (4,7)
8908-0177-XX	0.750 (19,1)	0.187 (4,7)	0.250 (6,4)
8910-0140-XX	0.750 (19,1)	0.490 (12,4)	0.032 (0,8)
8907-0140-XX	0.750 (19,1)	0.490 (12,4)	0.062 (1,6)
8911-0140-XX	0.750 (19,1)	0.490 (12,4)	0.093 (2,4)
8912-0140-XX	0.750 (19,1)	0.490 (12,4)	0.125 (3,2)
8913-0140-XX	0.750 (19,1)	0.490 (12,4)	0.156 (4,0)
8901-0140-XX	0.750 (19,1)	0.490 (12,4)	0.187 (4,7)
8902-0140-XX	0.750 (19,1)	0.490 (12,4)	0.250 (6,4)

TABLE 1. DIMENSIONS (continued)

Laird Technologies Part No.	O.D.	I.D.	Free Height Maximum "T"
8903-0145-XX	0.800 (20,3)	0.650 (16,5)	0.032 (0,8)
8909-0145-XX	0.800 (20,3)	0.650 (16,5)	0.062 (1,6)
8911-0145-XX	0.800 (20,3)	0.650 (16,5)	0.093 (2,4)
8906-0145-XX	0.800 (20,3)	0.650 (16,5)	0.125 (3,2)
8911-0145-XX	0.800 (20,3)	0.650 (16,5)	0.156 (4,0)
8912-0145-XX	0.800 (20,3)	0.650 (16,5)	0.187 (4,7)
8904-0145-XX	0.800 (20,3)	0.650 (16,5)	0.250 (6,4)
8912-0150-XX	1.000 (25,4)	0.750 (19,1)	0.032 (0,8)
8913-0150-XX	1.000 (25,4)	0.750 (19,1)	0.062 (1,6)
8914-0150-XX	1.000 (25,4)	0.750 (19,1)	0.093 (2,4)
8915-0150-XX	1.000 (25,4)	0.750 (19,1)	0.125 (3,2)
8916-0150-XX	1.000 (25,4)	0.750 (19,1)	0.156 (4,0)
8903-0150-XX	1.000 (25,4)	0.750 (19,1)	0.187 (4,7)
8902-0150-XX	1.000 (25,4)	0.750 (19,1)	0.250 (6,4)
8904-0157-XX	1.140 (29,0)	0.826 (21,0)	0.032 (0,8)
8903-0157-XX	1.140 (29,0)	0.826 (21,0)	0.062 (1,6)
8905-0157-XX	1.140 (29,0)	0.826 (21,0)	0.093 (2,4)
8906-0157-XX	1.140 (29,0)	0.826 (21,0)	0.125 (3,2)
8907-0157-XX	1.140 (29,0)	0.826 (21,0)	0.156 (4,0)
8908-0157-XX	1.140 (29,0)	0.826 (21,0)	0.187 (4,7)
8909-0157-XX	1.140 (29,0)	0.826 (21,0)	0.250 (6,4)
8902-0156-XX	1.250 (31,8)	1.000 (25,4)	0.032 (0,8)
8903-0156-XX	1.250 (31,8)	1.000 (25,4)	0.062 (1,6)
8904-0156-XX	1.250 (31,8)	1.000 (25,4)	0.093 (2,4)
8905-0156-XX	1.250 (31,8)	1.000 (25,4)	0.125 (3,2)
8906-0156-XX	1.250 (31,8)	1.000 (25,4)	0.156 (4,0)
8907-0156-XX	1.250 (31,8)	1.000 (25,4)	0.187 (4,7)
8901-0156-XX	1.250 (31,8)	1.000 (25,4)	0.250 (6,4)
8902-0171-XX	1.254 (31,9)	1.114 (28,3)	0.032 (0,8)
8903-0171-XX	1.254 (31,9)	1.114 (28,3)	0.062 (1,6)
8904-0171-XX	1.254 (31,9)	1.114 (28,3)	0.093 (2,4)
8905-0171-XX	1.254 (31,9)	1.114 (28,3)	0.125 (3,2)
8906-0171-XX	1.254 (31,9)	1.114 (28,3)	0.156 (4,0)
8907-0171-XX	1.254 (31,9)	1.114 (28,3)	0.187 (4,7)
8908-0171-XX	1.254 (31,9)	1.114 (28,3)	0.250 (6,4)
8905-0168-XX	1.375 (34,9)	0.875 (22,2)	0.032 (0,8)
8906-0168-XX	1.375 (34,9)	0.875 (22,2)	0.062 (1,6)
8907-0168-XX	1.375 (34,9)	0.875 (22,2)	0.093 (2,4)
8904-0168-XX	1.375 (34,9)	0.875 (22,2)	0.125 (3,2)
8908-0168-XX	1.375 (34,9)	0.875 (22,2)	0.156 (4,0)
8901-0168-XX	1.375 (34,9)	0.875 (22,2)	0.187 (4,7)
8909-0168-XX	1.375 (34,9)	0.875 (22,2)	0.250 (6,4)
8906-0170-XX	1.375 (34,9)	1.125 (28,6)	0.032 (0,8)
8907-0170-XX	1.375 (34,9)	1.125 (28,6)	0.062 (1,6)
8908-0170-XX	1.375 (34,9)	1.125 (28,6)	0.093 (2,4)
8901-0170-XX	1.375 (34,9)	1.125 (28,6)	0.125 (3,2)
8909-0170-XX	1.375 (34,9)	1.125 (28,6)	0.156 (4,0)
8904-0170-XX	1.375 (34,9)	1.125 (28,6)	0.187 (4,7)
8902-0170-XX	1.375 (34,9)	1.125 (28,6)	0.250 (6,4)
8906-0174-XX	1.540 (39,1)	1.340 (34,0)	0.032 (0,8)
8907-0174-XX	1.540 (39,1)	1.340 (34,0)	0.062 (1,6)
8908-0174-XX	1.540 (39,1)	1.340 (34,0)	0.093 (2,4)
8902-0174-XX	1.540 (39,1)	1.340 (34,0)	0.125 (3,2)
8909-0174-XX	1.540 (39,1)	1.340 (34,0)	0.156 (4,0)
8910-0174-XX	1.540 (39,1)	1.340 (34,0)	0.187 (4,7)
8905-0174-XX	1.540 (39,1)	1.340 (34,0)	0.250 (6,4)

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

KNITTED CONDUCTIVE GASKETS

ELECTROGROUND[®] EMI WASHERS

TABLE 1. DIMENSIONS (continued)

Laird Technologies Part No.	O.D.	I.D.	Free Height Maximum "T"
8903-0175-XX	1.625 (41,3)	1.125 (28,6)	0.032 (0,8)
8904-0175-XX	1.625 (41,3)	1.125 (28,6)	0.062 (1,6)
8905-0175-XX	1.625 (41,3)	1.125 (28,6)	0.093 (2,4)
8906-0175-XX	1.625 (41,3)	1.125 (28,6)	0.125 (3,2)
8907-0175-XX	1.625 (41,3)	1.125 (28,6)	0.156 (4,0)
8918-0175-XX	1.625 (41,3)	1.125 (28,6)	0.187 (4,7)
8909-0175-XX	1.625 (41,3)	1.125 (28,6)	0.250 (6,4)
8902-0176-XX	1.884 (47,9)	1.760 (44,7)	0.032 (0,8)
8901-0176-XX	1.884 (47,9)	1.760 (44,7)	0.062 (1,6)
8903-0176-XX	1.884 (47,9)	1.760 (44,7)	0.093 (2,4)
8904-0176-XX	1.884 (47,9)	1.760 (44,7)	0.125 (3,2)
8905-0176-XX	1.884 (47,9)	1.760 (44,7)	0.156 (4,0)
8916-0176-XX	1.884 (47,9)	1.760 (44,7)	0.187 (4,7)
8907-0176-XX	1.884 (47,9)	1.760 (44,7)	0.250 (6,4)

TABLE 2. MATERIALS

Material Code	Type	Wire Specification
40	Beryllium Copper	25 Alloy QQC-530
42	Monel [®]	QQN-281 Class A
43	Aluminum	5056 Alloy
44	Tin Plated Steel	ASTM B520
46	Stainless Steel	304

Other alloys available upon request.

TABLE 3. TOLERANCES

T Sizes	O.D.	I.D.
0.030 (0,8) to 0.062 (1,6)	± 0.010 (±0,3)	± 0.010 (±0,3)
0.062 (1,6) to 1.0 (25,4)	± 0.015 (±0,4)	± 0.015 (±0,4)
1.0 (25,4) to 2.0 (50,8)	± 0.020 (±0,5)	± 0.020 (±0,5)

How to Specify

- From Table 1 on pages 25 to 27, determine the O.D., the I.D., and the thickness "T" of the ElectroGround washer that suits the specific application. Note: Please consult Laird Technologies sales department for sizes not shown in Table 1.
- From Table 2, insert material code in place of XX in base part number.
- For tolerances O.D. and I.D. refer to Table 3.

Example:

- Dimensions required: O.D. = 0.200 I.D. = 0.125, and Thickness = 0.032 (from Table 1).
- Base Part Number: 8904-0178-XX (from Table 1).
- Material required is Beryllium Copper Code 40 (from Table 2).
- Full part number is 8904-0178-40.

KNITTED CONDUCTIVE GASKETS

ELECTROMESH[®] TAPE

Laird ElectroMesh tape has a double layered strip of knitted wire mesh to provide effective EMI shielding and grounding for electrical and electronic cable assemblies.

It is particularly useful in applications where the need for EMI protection is determined after cable assembly is complete and standard braided cable jackets cannot be used. The flexible structure of the ElectroMesh Tape permits it to conform to irregular surfaces and contours during the wrapping process.

- Tin plating for excellent solderability
- Useful in both shielding and grounding applications for static discharge
- Tin plated copper clad steel wire provides greater strength and performance than other tape materials
- Knit loop structure provides uniform coverage without any wrinkles or creases
- Available in other alloys and wire dimensions
- Supplied in 50 ft. (15,2 m) rolls. (Note: When determining quantity needed, 50% overlap is recommended.)
- Mesh tape also available in Monel[®] (material code 42); BeCu (material code 40); Aluminum (material code 43); and Stainless Steel (material code 46)
- Other alloys available upon request

ElectroMesh tape is 0.020 (0,5) thick. It is available in tin plated copper clad steel ASTM-B-250, with a diameter of 0.005 (0,1) and with 10–12 openings per inch.



TABLE 1. ELECTROMESH TAPE PART NUMBERS

Laird Technologies Part No.	Width
8300-0025-44	0.250 ± 0.040 (6,4 ± 1,0)
8300-0038-44	0.380 ± 0.040 (9,7 ± 1,0)
8300-0050-44	0.500 ± 0.060 (12,7 ± 1,5)
8300-0075-44	0.750 ± 0.060 (19,1 ± 1,5)
8300-0100-44	1.000 ± 0.060 (25,4 ± 1,5)
8300-0150-44	1.500 ± 0.120 (38,1 ± 3,1)
8300-0175-44	1.750 ± 0.120 (44,5 ± 3,1)
8300-0225-44	2.250 ± 0.190 (57,2 ± 4,8)