



ELFA artikelnr.

50-155-81 EMC-list Mesh Rec 0102-42
 50-155-99 EMC-list Mesh Rec 0105-42
 50-156-31 EMC-list Mesh Run 0102-42
 50-156-49 EMC-list Mesh Run 0105-42
 50-157-06 EMC-packn Rec 0102-54

50-157-14 EMC-packn Rec 0106-54
 50-157-55 EMC-packn Rund 0102-54
 50-157-63 EMC-packn Rund 0104-54
 50-157-71 EMC-packn Tube 0102-56
 50-157-89 EMC-packn Tube 0104-56



Instrument
Specialties

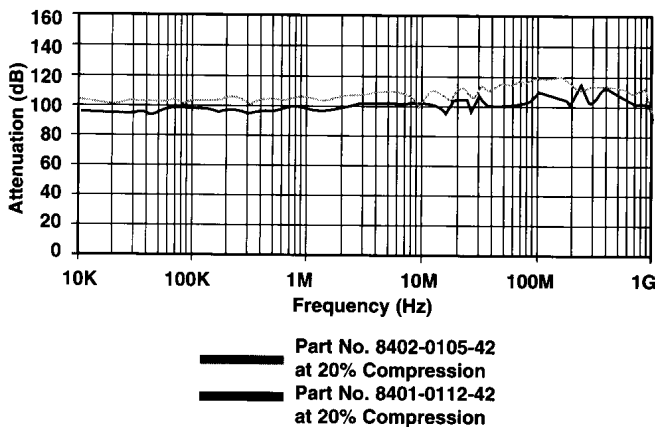
Where Shielding
is a Science.



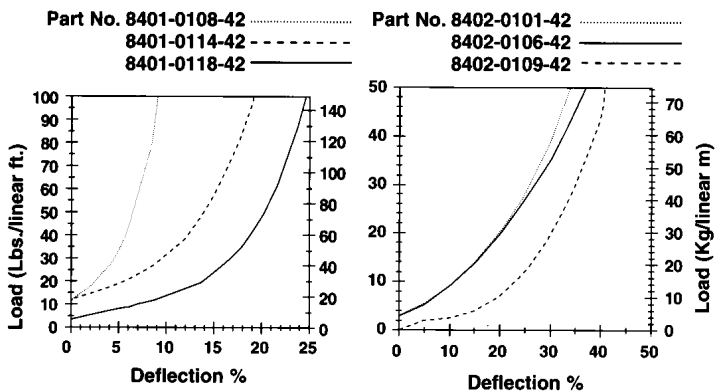
ElectroNit® All Mesh EMI Gasketing

Shielding Effectiveness

Transfer Impedance Test

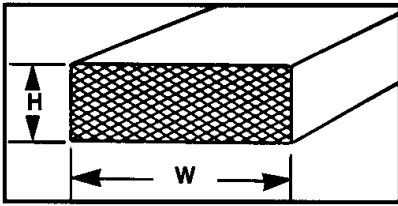


Compression-Deflection



30 M 9/94

© 1994 Instrument Specialties Co., Inc. All rights reserved.

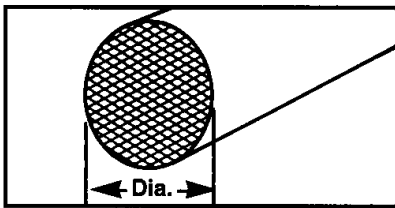

All Mesh Rectangular Strip

Height H	Width W	Base Part No.
.062 (1,57)	.062 (1,57)	8401-0101-XX
.062 (1,57)	.125 (3,18)	8401-0102-XX
.062 (1,57)	.187 (4,75)	8401-0103-XX
.062 (1,57)	.312 (7,92)	8401-0104-XX
.062 (1,57)	.375 (9,53)	8401-0105-XX
.062 (1,57)	.500 (12,70)	8401-0106-XX
.093 (2,36)	.093 (2,36)	8401-0107-XX
.093 (2,36)	.125 (3,18)	8401-0108-XX
.093 (2,36)	.187 (4,75)	8401-0109-XX
.093 (2,36)	.250 (6,35)	8401-0110-XX
.093 (2,36)	.375 (9,53)	8401-0111-XX
.125 (3,18)	.125 (3,18)	8401-0112-XX
.125 (3,18)	.187 (4,75)	8401-0113-XX
.125 (3,18)	.250 (6,35)	8401-0114-XX

Height H	Width W	Base Part No.
.125 (3,18)	.312 (7,92)	8401-0115-XX
.125 (3,18)	.375 (9,53)	8401-0116-XX
.125 (3,18)	.500 (12,70)	8401-0117-XX
.125 (3,18)	.750 (19,05)	8401-0118-XX
.125 (3,18)	1.000 (25,40)	8401-0119-XX
.187 (4,75)	.187 (4,75)	8401-0120-XX
.187 (4,75)	.250 (6,35)	8401-0121-XX
.187 (4,75)	.312 (7,92)	8401-0122-XX
.250 (6,35)	.250 (6,35)	8401-0123-XX
.250 (6,35)	.312 (7,92)	8401-0124-XX
.250 (6,35)	.375 (9,53)	8401-0125-XX
.250 (6,35)	.500 (12,70)	8401-0126-XX
.375 (9,53)	.375 (9,53)	8401-0127-XX

Size vs. Tolerance

Size Range	Tolerance	
	Dim H	Dim W
To .18 (4,57)	+ .02-0 (+ .51-0)	+ .02-0 (+ .51-0)
.19-.38 (4,83-9,65)	+ .03-0 (+ .76-0)	+ .03-0 (+ .76-0)
.39-.50 (9,91-12,70)	+ .046-0 (+1,17-0)	+ .046-0 (+1,17-0)
.51-1.00 (12,95-25,40)	+ .062-0 (+1,57-0)	+ .062-0 (+1,57-0)


All Mesh Round Strip

Diameter	Base Part No.
.062 (1,57)	8402-0101-XX
.093 (2,36)	8402-0102-XX
.125 (3,18)	8402-0103-XX
.156 (3,96)	8402-0104-XX
.187 (4,75)	8402-0105-XX

Diameter	Base Part No.
.250 (6,35)	8402-0106-XX
.312 (7,92)	8402-0107-XX
.375 (9,53)	8402-0108-XX
.500 (12,70)	8402-0109-XX

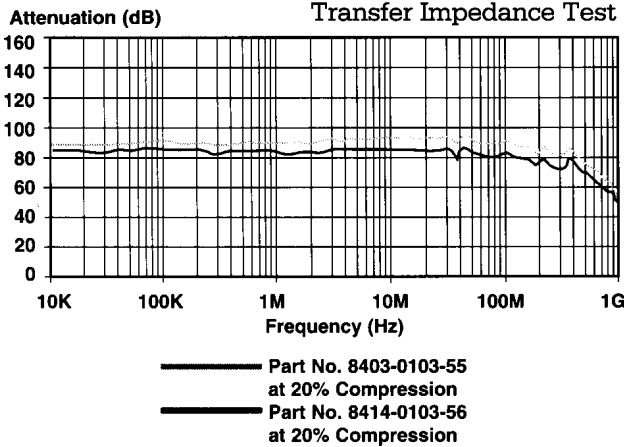
Size vs. Tolerance

Size Range	Tolerance
	Diameter
To .12 (3,05)	+ .02-0 (+ .51-0)
.13-.38 (3,30-9,65)	+ .03-0 (+ .76-0)
.39-.50 (9,91-12,70)	+ .046-0 (+ 1,17-0)
.51-1.00 (12,95-25,40)	+ .062-0 (+ 1,57-0)

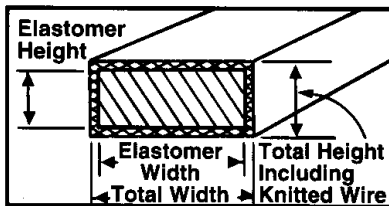
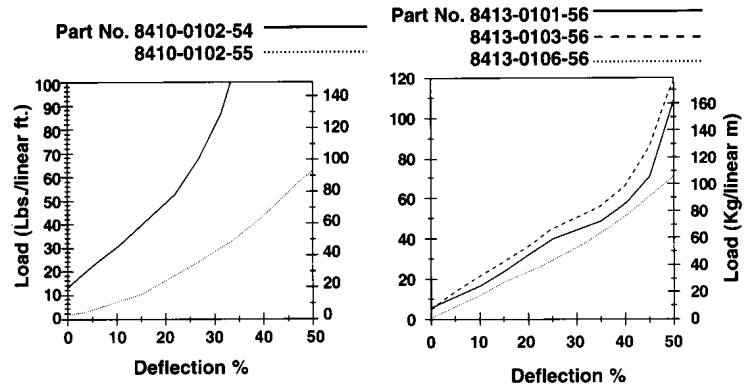


ElectroNit® Elastomer Core EMI Gasketing

Shielding Effectiveness



Compression-Deflection



Rectangular with Sponge Elastomer

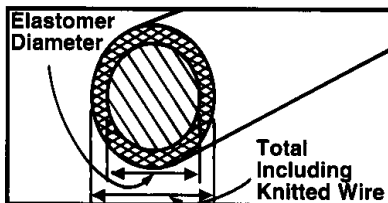
Rectangular with Sponge Elastomer

Elastomer Height	Elastomer Width	Total Height	Total Width	Beryllium Copper Neoprene Sponge Part No.
.125 (3,18)	.125 (3,18)	.160 (4,06)	.160 (4,06)	8409-0101-50
.125 (3,18)	.188 (4,78)	.160 (4,06)	.225 (5,72)	8409-0102-50
.125 (3,18)	.250 (6,35)	.160 (4,06)	.285 (7,24)	8409-0103-50
.188 (4,78)	.188 (4,78)	.225 (5,72)	.225 (5,72)	8409-0104-50
.250 (6,35)	.250 (6,35)	.285 (7,24)	.285 (7,24)	8409-0105-50
.250 (6,35)	.500 (12,70)	.285 (7,24)	.535 (13,59)	8409-0106-50

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

Size Range	Tolerance	
	Height	Width
To .12 (3,05)	+ .03-.02 (+,76-.51)	+ .03-.02 (+,76-.51)
.13-.38 (3,30-9,65)	± .03 (±,76)	± .03 (±,76)
.39-.50 (9,91-12,70)	± .046 (±1,17)	± .046 (±1,17)
.51-1.00 (12,95-25,40)	± .062 (±1,57)	± .062 (±1,57)



Round with Sponge Elastomer

Round with Silicone Elastomer

Elastomer Diameter	Total Diameter Over Wire	Beryllium Copper Neoprene Sponge Part No.
.062 (1,57)	.098 (2,49)	8410-0101-50*
.125 (3,18)	.160 (4,06)	8410-0102-50
.188 (4,78)	.225 (5,72)	8410-0103-50
.250 (6,35)	.285 (7,24)	8410-0104-50
.312 (7,92)	.348 (8,84)	8410-0105-50
.375 (9,53)	.410 (10,41)	8410-0106-50
.500 (12,70)	.535 (13,59)	8410-0107-50

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

Tubing Diameter (O.D.)	Diameter Over Wire	Beryllium Copper w/Silicone Elastomer Tubing Part No.
.125 (3,18)	.160 (4,06)	8413-0101-64
.188 (4,78)	.225 (5,72)	8413-0102-64
.250 (6,35)	.285 (7,24)	8413-0103-64
.312 (7,92)	.348 (8,84)	8413-0104-64
.375 (9,53)	.410 (10,41)	8413-0105-64
.500 (12,70)	.535 (13,59)	8413-0106-64

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.