

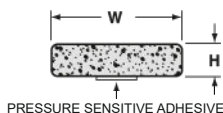


Metalized Fabric Gaskets 2500 Series UL94 V-0

Tech Etch introduces our new 2500 series fabric over foam product offering. These gaskets are UL94 V-0 certified and Halogen free and are available in over 150 profiles and sizes.

Our electrically conductive nickel-plated copper nylon ripstop fabric over resilient open cell core polyurethane gaskets provide the electrical characteristics necessary for high attenuation shielding. Bonding the conductive substrate to the foam core assures self-termination of gaskets provided in standard or cut lengths.

RoHS, REACH and UL94 V-0 Halogen free compliance ensures that these gaskets are environmentally friendly.



Rectangular

H (in)	H (mm)	W (in)	W (mm)	Part Number
0.020	0.51	0.157	3.99	2511-1011-1023
0.040	1.02	0.120	3.05	2511-1011-0100
0.040	1.02	0.157	3.99	2511-1011-0101
0.040	1.02	0.200	5.08	2511-1011-0102
0.040	1.02	0.275	6.99	2511-1011-0141
0.040	1.02	0.395	10.0	2511-1011-0103
0.040	1.02	0.500	12.7	2511-1011-0204
0.040	1.02	0.710	18.0	2511-1011-0187
0.060	1.52	0.100	2.54	2511-1011-1024
0.060	1.52	0.125	3.18	2511-1011-1025
0.062	1.57	0.170	4.32	2511-1011-0165
0.062	1.57	0.200	5.08	2511-1011-0105
0.062	1.57	0.300	7.62	2511-1011-0142
0.062	1.57	0.395	10.0	2511-1011-0231
0.062	1.57	0.500	12.7	2511-1011-0104
0.080	2.03	0.120	3.05	2511-1011-0235

H (in)	H (mm)	W (in)	W (mm)	Part Number
0.080	2.03	0.160	4.06	2511-1011-0143
0.080	2.03	0.275	6.99	2511-1011-0106
0.080	2.03	0.400	10.2	2511-1011-0107
0.091	2.31	0.100	2.54	2511-1011-0227
0.100	2.54	0.080	2.03	2511-1011-0177
0.100	2.54	0.375	9.53	2511-1011-0206
0.118	3.00	0.157	3.99	2511-1011-0178
0.120	3.05	0.150	3.81	2511-1011-0144
0.125	3.18	0.250	6.35	2511-1011-0108
0.125	3.18	0.375	9.53	2511-1011-1026
0.125	3.18	0.500	12.7	2511-1011-0109
0.125	3.18	0.700	17.8	2511-1011-0145
0.125	3.18	0.750	19.1	2511-1011-0208
0.130	3.30	0.190	4.83	2511-1011-0110
0.130	3.30	0.380	9.65	2511-1011-0146

H (in)	H (mm)	W (in)	W (mm)	Part Number
0.140	3.56	0.250	6.35	2511-1011-1027
0.150	3.81	0.375	9.53	2511-1011-0147
0.150	3.81	0.500	12.7	2511-1011-0193
0.157	3.99	0.315	8.00	2511-1011-0148
0.160	4.06	0.200	5.08	2511-1011-0167
0.187	4.75	0.375	9.53	2511-1011-1028
0.195	4.95	0.315	8.00	2511-1011-0181
0.195	4.95	0.500	12.7	2511-1011-0198
0.200	5.08	0.750	19.1	2511-1011-0223
0.250	6.35	0.300	7.62	2511-1011-0230
0.250	6.35	0.375	9.53	2511-1011-0111
0.250	6.35	0.500	12.7	2511-1011-0112
0.250	6.35	0.750	19.1	2511-1011-0149
0.375	9.53	0.500	12.7	2511-1011-0113
0.375	9.53	1.000	25.4	2511-1011-0191

HOW TO ORDER

25 XX - X 01 A - XXXX - LL.LL

SERIES

PROFILE

LENGTH

ADHESIVE: 0 - No Adhesive

1 - Non-Conductive Tape

2 - Conductive Tape

RATING: UL 94 V-0

FINISH: 1 - Nickel Over Copper Gray

2 - Nickel Over Copper Black

CONFIGURATION:

11 - Rectangle

35 - Triangle

51 - Knife Edge

71 - Trapezoid

21 - Square

41 - C-Shape

61 - Flat

75 - Bell

31 - D-Shape

45 - L-Shape

65 - Oval

81 - P-Shape

85 - T-Shape

Example

Part number **2511-1011-0108-8.75** is a metalized (nickel over copper plated) fabric over foam, cut to 8.75", with non-conductive tape, configured as a rectangular profile of .125" x .250". **Unless an existing standard size, the sequential number is assigned by the factory.**

MOUNTING

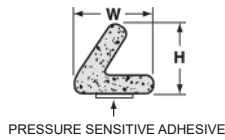
Uses double-sided pressure sensitive transfer tape for a fast, reliable installation (3M 467 non-conductive adhesive or equivalent). Apply only on a clean, oil-free surface and allow a 24-hour cure time. Conductive tape available, please consult factory.

METALIZED FABRIC GASKETS

Tech Etch offers a wide range of standard profiles. If necessary, we can produce custom profiles to your specifications. Request a fast quote for Metalized Fabric Gaskets. Requests for standard product will be answered within 24 hours.

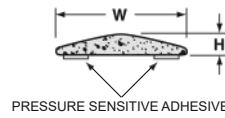


C-Fold



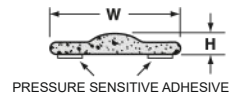
H (in)	H (mm)	W (in)	W (mm)	Part Number
0.196	4.98	0.325	8.26	2541-1011-1015
0.250	6.35	0.250	6.35	2541-1011-0137
0.252	6.40	0.280	7.11	2541-1011-1016
0.385	9.78	0.420	10.67	2541-1011-0138
0.395	10.03	0.430	10.92	2541-1011-0139
0.465	11.81	0.420	10.67	2541-1011-1017
0.675	17.15	0.590	14.99	2541-1011-0140

Triangle



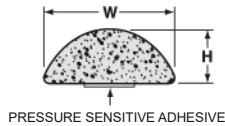
H (in)	H (mm)	W (in)	W (mm)	Part Number
0.080	2.03	0.450	11.43	2535-1011-0202
0.080	2.03	0.500	12.70	2535-1011-0205
0.100	2.54	0.394	10.01	2535-1011-0207
0.100	2.54	0.600	15.24	2535-1011-1445
0.106	2.70	0.236	6.00	2535-1011-1485
0.120	3.05	0.480	12.19	2535-1011-0210
0.150	3.80	0.315	8.00	2535-1011-1487
0.160	4.06	0.560	14.22	2535-1011-0211
0.200	5.08	0.720	18.29	2535-1011-0212

Bell



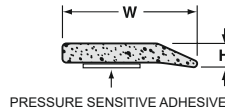
H (in)	H (mm)	W (in)	W (mm)	Part Number
0.080	2.03	0.300	7.62	2575-1011-1001
0.080	2.03	0.450	11.43	2575-1011-0194
0.080	2.03	0.500	12.70	2575-1011-0174
0.080	2.03	0.675	17.15	2575-1011-0175
0.120	3.05	0.600	15.24	2575-1011-0195
0.197	5.00	0.675	17.15	2575-1011-1007
0.200	5.08	0.500	12.70	2575-1011-1288
0.250	6.35	0.500	12.70	2575-1011-1463

D Shapes



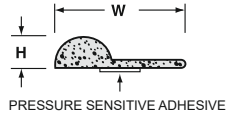
H (in)	H (mm)	W (in)	W (mm)	Part Number
0.040	1.02	0.150	3.81	2531-1011-1018
0.040	1.02	0.200	5.08	2531-1011-1019
0.060	1.52	0.125	3.18	2531-1011-1020
0.060	1.52	0.150	3.81	2531-1011-0122
0.060	1.52	0.250	6.35	2531-1011-0229
0.070	1.78	0.180	4.57	2531-1011-0214
0.090	2.29	0.090	2.29	2531-1011-0123
0.090	2.29	0.150	3.81	2531-1011-0150
0.100	2.54	0.300	7.62	2531-1011-0224
0.120	3.05	0.150	3.81	2531-1011-0124
0.125	3.18	0.090	2.29	2531-1011-0151
0.125	3.18	0.250	6.35	2531-1011-0125
0.125	3.18	0.187	4.75	2531-1011-1021
0.140	3.56	0.250	6.35	2531-1011-0126
0.140	3.56	0.375	9.53	2531-1011-0163
0.150	3.81	0.150	3.81	2531-1011-0152
0.157	3.99	0.315	8.00	2531-1011-0220
0.158	4.01	0.433	11.00	2531-1011-0186
0.196	4.98	0.315	8.00	2531-1011-0153
0.200	5.08	0.190	4.83	2531-1011-0154
0.250	6.35	0.250	6.35	2531-1011-0127
0.250	6.35	0.375	9.53	2531-1011-0128
0.375	9.53	0.500	12.70	2531-1011-0155
0.430	10.92	0.500	12.70	2531-1011-1354
0.500	12.70	0.500	12.70	2531-1011-0226
0.562	14.27	0.709	18.01	2531-1011-1022

Knife Edge



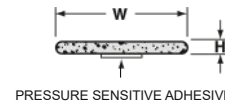
H (in)	H (mm)	W (in)	W (mm)	Part Number
0.088	2.24	0.455	11.56	2551-1011-0196
0.106	2.69	0.315	8.00	2551-1011-1013
0.106	2.69	0.445	11.30	2551-1011-0156
0.160	4.06	0.315	8.00	2551-1011-1014
0.250	6.35	0.750	19.05	2551-1011-0157

P-Bulb



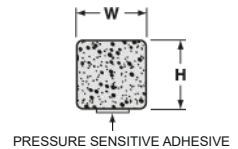
H (in)	H (mm)	W (in)	W (mm)	Part Number
0.060	1.52	0.275	6.99	2581-1011-1008
0.080	2.03	0.200	5.08	2581-1011-1009
0.125	3.18	0.750	19.05	2581-1011-1010
0.130	3.30	0.520	13.21	2581-1011-1011
0.200	5.08	0.395	10.03	2581-1011-1012

Flat



H (in)	H (mm)	W (in)	W (mm)	Part Number
0.040	1.02	1.002	5.40	2561-1011-0158
0.040	1.02	1.654	1.91	2561-1011-0169
0.060	1.52	0.751	9.05	2561-1011-0159
0.060	1.52	1.002	5.40	2561-1011-0160
0.060	1.52	1.443	6.58	2561-1011-0179
0.080	2.03	0.832	1.08	2561-1011-0161
0.080	2.03	1.142	9.01	2561-1011-0170
0.100	2.54	1.203	0.48	2561-1011-0171
0.100	2.54	1.503	8.10	2561-1011-0172
0.118	3.00	2.175	4.99	2561-1011-0189
0.120	3.05	1.443	6.58	2561-1011-0173
0.125	3.18	1.624	1.02	2561-1011-0162

Square



H (in)	H (mm)	W (in)	W (mm)	Part Number
0.093	2.36	0.093	2.36	2521-1011-0199
0.118	3.00	0.118	3.00	2521-1011-0114
0.138	3.51	0.138	3.51	2521-1011-1029
0.157	3.99	0.157	3.99	2521-1011-0168
0.195	4.95	0.195	4.95	2521-1011-0115
0.236	5.99	0.236	5.99	2521-1011-0116
0.250	6.35	0.250	6.35	2521-1011-0117
0.375	9.53	0.375	9.53	2521-1011-0118
0.395	10.0	0.395	10.03	2521-1011-0119
0.500	12.7	0.500	12.70	2521-1011-0120
0.670	17.0	0.670	17.02	2521-1011-1030
0.787	20.0	0.787	20.0	2521-1011-1031

SPECIFICATIONS

TOLERANCES:

Profile: ± .010 in (0.25 mm) ≤ 0.04 in (1.02 mm)
 ± .020 in (0.50 mm) > 0.04 in (1.02 mm)
Length: 0.20–6.00 in (5–152 mm) ± 0.03 in (0.76 mm)
 6.01–18.00 in (153–457 mm) ± 0.06 in (1.52 mm)
 18.01–48.00 in (458–1219 mm) ± 0.08 in (2.03 mm)

FOAM CORE: Open-Cell Polyurethane Foam

METALIZED FABRIC: Nickel Copper Ripstop

SERVICE TEMPERATURE:

–40°F to 158°F (–40°C to 70°C)

SURFACE RESISTIVITY:

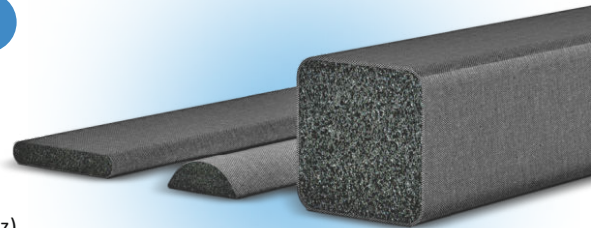
(ASTM F390) < 0.07 Ohms

SHIELDING EFFECTIVENESS:

(MIL DTL83528C) ≥ 85dB (10MHz–3GHz)

COMPRESSION SET: (ASTM D3574) ≤ 15%

COMPRESSION FORCE: 1–3 lbs per sq. inch at 50% compression



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