

Ja-Bar has recently added to it's Line of EMI/RFI Shielding Materials, the Metalized Fabric over Foam Gasketing Products. This product combines the use of Highly Flexible Nickel over Copper Plated Polyester Fabric over a open celled polyurethane foam core to provide an economical, non-corrosive, highly effective, conductive pad. The bottom surface is supplied with a pressure sensitive adhesive (PSA) strip with release liner if required.



### Standard Available Cross-sections

Part No.	Figure	"A"	"B"
577-5001	Figure 1	0.039	0.118
577-5002	Figure 1	0.039	0.157
577-5003	Figure 1	0.039	0.197
577-5004	Figure 1	0.039	0.276
577-5005	Figure 1	0.039	0.394
577-5006	Figure 1	0.039	0.710
577-5007	Figure 1	0.039	1.00
577-5008	Figure 1	0.079	0.500
577-5009	Figure 1	0.079	0.157
577-5010	Figure 1	0.079	0.276
577-5011	Figure 1	0.079	0.394
577-5012	Figure 1	0.079	0.827
577-5013	Figure 1	0.079	1.125
577-5014	Figure 1	0.079	1.625
577-5015	Figure 1	0.079	2.362
577-5016	Figure 1	0.118	0.118
577-5017	Figure 1	0.125	0.500
577-5018	Figure 1	0.146	0.827
577-5019	Figure 1	0.157	0.591
577-5020	Figure 1	0.180	1.625
577-5021	Figure 1	0.197	0.315
577-5022	Figure 1	0.200	0.200
577-5023	Figure 1	0.236	0.236
577-5024	Figure 1	0.250	0.375
577-5025	Figure 1	0.250	0.500
577-5026	Figure 1	0.295	0.591
577-5027	Figure 1	0.375	0.375
577-5028	Figure 1	0.375	0.500
577-5029	Figure 1	0.453	0.414
577-5030	Figure 1	0.375	1.00
577-5031	Figure 1	0.625	1.00
577-5032	Figure 1	0.669	0.669
577-5034	Figure 3	0.250	0.234
577-5035	Figure 4	0.250	0.750
577-5036	Figure 3	0.385	0.420
577-5038	Figure 3	0.465	0.420
577-5039	Figure 3	0.710	0.560
577-5040	Figure 3	0.940	0.550
577-5041	Figure 3	0.675	0.580
577-5043	Figure 2	0.600	0.150
577-5044	Figure 2	0.125	0.280
577-5045	Figure 2	0.140	0.250
577-5046	Figure 2	0.189	0.300
577-5047	Figure 2	0.250	0.375
577-5048	Figure 2	0.180	0.480
577-5050	Figure 4	0.106	0.445
577-5051	Figure 4	0.106	0.445R
577-5052	Figure 4	0.106	0.314

### Physical And Electrical Performance Characteristics

Property	Value	Test Method
Abrasion Resistance	>500,000 cycles	ASTM D3886
Contact Resistance	< 0.1 Ω-inch	ASTM D991
Operating Temperature	-40°C - + 70°C	ASTM D746
Surface Resistivity	< 0.5 Ω	ASTM D991
Flammability	UL94HB + UL94VO	UL94
Compression Set	< 5%	ASTM D3574
Tolerances	+/- 0.020	< 0.100
	+/- 0.030	> 0.100
Shielding Effectiveness	30 MHz	95 dB
	100 MHz	110 dB
	500 MHz	110 dB
	1 GHz	110 dB
	10 GHz	120 dB

\* average for 20 MHz to 10 GHz

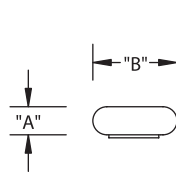


Figure 1: Rectangular

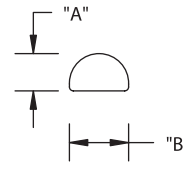


Figure 2: "D" Profile

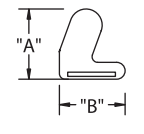


Figure 3: "C" Fold

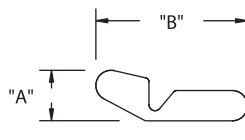


Figure 4: Knife Edge

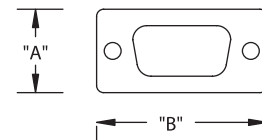


Figure 5: "D-Sub" Connector

Part No.	Figure	Profile	"A"	"B"
577-5061	Figure 5	9 Pin	0.750	1.313
577-5062	Figure 5	15 Pin	0.750	1.641
577-5063	Figure 5	25 Pin	0.750	2.188
577-5064	Figure 5	37 Pin	0.750	2.829
577-5065	Figure 5	50 Pin	0.860	2.740