Self Terminating Silver Yarn Knit-over Foam series 589

Ja-Bar has recently added to it's Line of EMI/RFI Shielding Materials, the Silvered Yarn over Foam Gasketing Products. This product combines the use of Highly Flexible Silver Plated Nylon Yarn over a variety of foam cores, to provide an economical, non-corrosive, highly effective, Extremely low Closure Force, conductive shielding gasket.

Select foam cores are supplied with a specialized coating, fusing the Knitted Yarn outer Layer, which provides for the materials self-terminating ends. Alternative foam cores

can be supplied "cut-to-length" to customer specifications, and secondarily terminated. Standard Core configurations include rectangles, squares, and select "D" profiles.

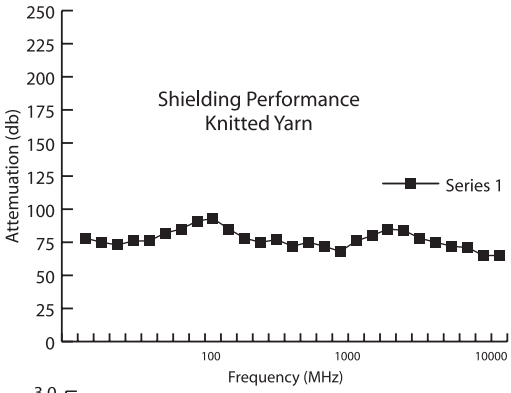
Used in a wide variety of applications, including access panels, electronic enclosure perimeter

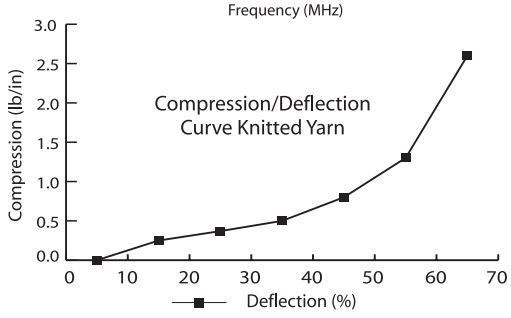
seals, Optical filter conductive bus terminations, and card cage grounding contacts. Virtually any soft closure force application that does not require environmental sealing, or abrasive shearing during closure.

The bottom surface is supplied with a pressure sensitive adhesive (PSA) strip with release line for ease of installation.

Physical And Electrical Performance Characteristics

Property	Value	Test Method
Shielding Effectiveness*	see graph	Mil-Std 285
Contact Resistance	< 0.1 Ω-inch	ASTM D991
Operating Temperature (core dependant)	-50°F - + 210°F	ASTM D746
Surface Resistivity	< 0.5 Ω	ASTM D991
Flammability (core dependant)	meets UL94 HB / VO	**
Compression Force Curve	see graph	ASTM D3574





Standard Available Cross-sections

Part No.	Figure	"A"	"B"
589-5017	figure 1	0.125	0.500
589-5018	figure 1	0.146	0.827
589-5019	figure 1	0.157	0.591
589-5022	figure 1	0.200	0.200
589-5023	figure 1	0.236	0.236
589-5024	figure 1	0.250	0.375
589-5025	figure 1	0.250	0.500
589-5027	figure 1	0.375	0.375
589-5028	figure 1	0.375	0.500
589-5030	figure 1	0.375	1.00
589-5031	figure 1	0.625	1.00
589-5032	figure 1	0.669	0.669
589-5044	figure 2	0.125	0.250
589-5045	figure 2	0.140	0.250
589-5046	figure 2	0.189	0.300
589-5047	figure 2	0.250	0.375
589-5048	figure 2	0.180	0.480

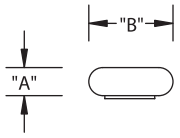


Figure 1: Rectangular

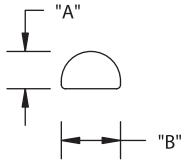


Figure 2: "D" Profile