

Metallized Fabric Cloth Over an Elastomer Core Shielding Gasket (1400 Series)

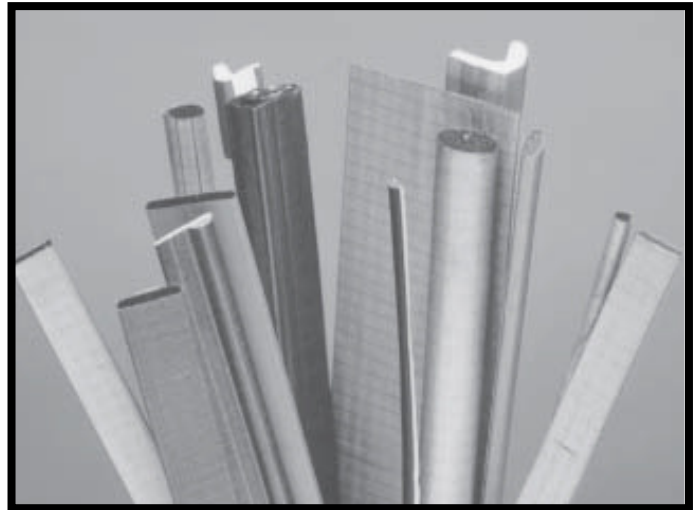
Product Summary

MAJR Products' Metallized Fabric Gasketing — a combination of a metalized, woven nylon cover over a foam core — provides superior EMI/RFI shielding.

Product Application

Metallized Fabric Gaskets are designed to meet the higher frequency requirements for present and future EMI/RFI performance standards for electronic enclosures.

Metallized Fabric Gaskets are available in a variety of profiles, including Asymmetrical, C-Fold, P, and D shapes. Customized profiles and fabricated die-cut parts including I/O shielding for Mill and D-Sub connectors can be manufactured to meet specific requirements with no (or minimal) set-up cost. Metallized Fabric materials availability includes carbon-coated silver, nickel-over copper, and tin-over-copper fabrics. Both a pressure-sensitive adhesive and a conductive adhesive for smaller profiles are available.



Product Technical Data

Metallized Fabric Profiles

RECTANGLE			ROUND			D-SHAPE		
Inches H W	mm H W	Part No.	Inches Dia.	mm Dia.	Part No.	Inches H W	mm H W	Part No.
.040 x .500	1.02 x 12.7	1410-04050-8x				.090 x .090	2.30 x 2.30	1409-09090-8x
.040 x 1.00	1.02 x 25.4	1410-04100-8x				.120 x .250	3.00 x 6.35	1409-12025-8x
.079 x .275	2.00 x 4.00	1410-08028-8x	.125	3.18	1411-12000-8x	.250 x .250	6.35 x 6.35	1409-25025-8x
.125 x .500	3.18 x 12.7	1410-12050-8x	.250	6.35	1411-25000-8x	.250 x .375	6.35 x 9.53	1409-25038-8x
.130 x .190	3.30 x 4.83	1410-13019-8x						
.250 x .250	6.35 x 6.35	1410-25025-8x						
.250 x .375	6.35 x 9.53	1410-25038-8x						
.500 x .500	12.7 x 12.7	1410-50050-8x						

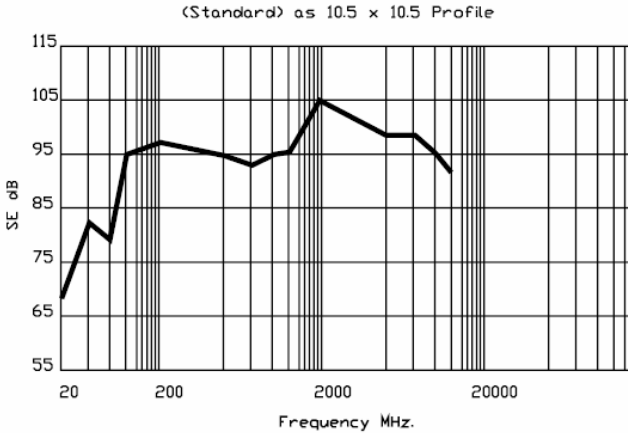
C-FOLD				CONNECTOR			
Inches H W B1 A1	mm H W B1 A1	Part No.		Pin Count	Part No.		
.40 x .43 x .04 x .12	10.2 x 11.0 x 1.0 x 3.2	1408-04043-8x		9 Pin	2010-19334-8x*		
.68 x .59 x .16 x .16	17.3 x 15.0 x 4.0 x 4.0	1408-68059-8x		15 Pin	2010-19335-8x*		
				25 Pin	2010-19336-8x*		
				37 Pin	2010-19337-8x*		
				50 Pin	2010-19338-8x*		

Features

- High EMI/RFI Attenuation Levels
- Resilient Gasketing Material
- Fabricated/Die-Cut Parts
- Customized Profiles
- Self-Terminating
- Manufactured by MAJR Products Corp.
- UL 94 VO Fire-Retardant Foam Materials

Metallized Fabric Cloth Over an Elastomer Core Shielding Gasket (1400 Series) (Cont.)

Gasket Testing to Mil - DTL - 83528



* For silver, replace x with 1; tin/copper, x = 2;
nickel/copper, x = 3.

Standard Fabrics Available

(81) Silver

- Surface resistivity of 0.5 ohms; abrasion resistance cycle of 800,000 cycles.
- Per Mil - DTL - 83528 shielding performance of 95 dB average in frequencies of 20 MHz to 5 GHz, with compression of 50% on a 1/4" x 1/4" gasket.

(82) Tin/Copper

- Surface resistivity of .08 ohms; abrasion resistance cycle of 600,000 cycles.
- Per Mil - DTL - 83528 shielding performance of 100 dB average in frequencies of 20 MHz to 5 GHz, with compression of 50% on a 1/4" x 1/4" gasket.

(83) Nickel/Copper

- Surface resistivity of .05 ohms; abrasion resistance cycle of 1,000,000 cycles.
- Per Mil - DTL - 83528 shielding performance of 95 dB average in frequencies of 20 MHz to 5 GHz, with compression of 50% on a 1/4" x 1/4" gasket.