



Global EMI Shielding Technology Center
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www.LeaderTechInc.com



EMI/RFI Board, Enclosure, Cable Shielding & Thermal Solutions

Tech Vent EMI/RFI Vent Panels - For Distribution Only

Leader Tech's low cost EMI vent panels are the perfect solution to shield openings for heating and ventilation against electro-magnetic interference. The Tech Vent EMI vent panels are constructed with aluminum honeycomb to maximize shielding effectiveness as well as airflow performance. These panels are manufactured with a rigid aluminum frame and pre-drilled to meet your mounting specifications. They utilize EMI gasketing as well as weather sealing material for grounding to an enclosure and providing environmental protection. The panels can also be plated in a variety of finishes to improve shielding, corrosion resistance, and galvanic compatibility.

MATERIAL CODE	HONEYCOMB	FRAME	PLATING	EMI GASKET
-94	ALUMINUM 5052, 1/4 CELL, 6.0 DENSITY (0.003 THICK) PER AMS-C-7438	0.062" ALUMINUM 5052 PER ASTM B209	CHROMATE FINISH PER ASTM B449, CLASS 2	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
-95	ALUMINUM 5052, 1/4 CELL, 6.0 DENSITY (0.003 THICK) PER AMS-C-7438	0.062" ALUMINUM 5052 PER ASTM B209	MATTE TIN PER ASTM B545, CLASS B	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
-96	ALUMINUM 5052, 1/4 CELL, 6.0 DENSITY (0.003 THICK) PER AMS-C-7438	0.062" ALUMINUM 5052 PER ASTM B209	NICKEL PER ASTM B689, CLASS 5	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE



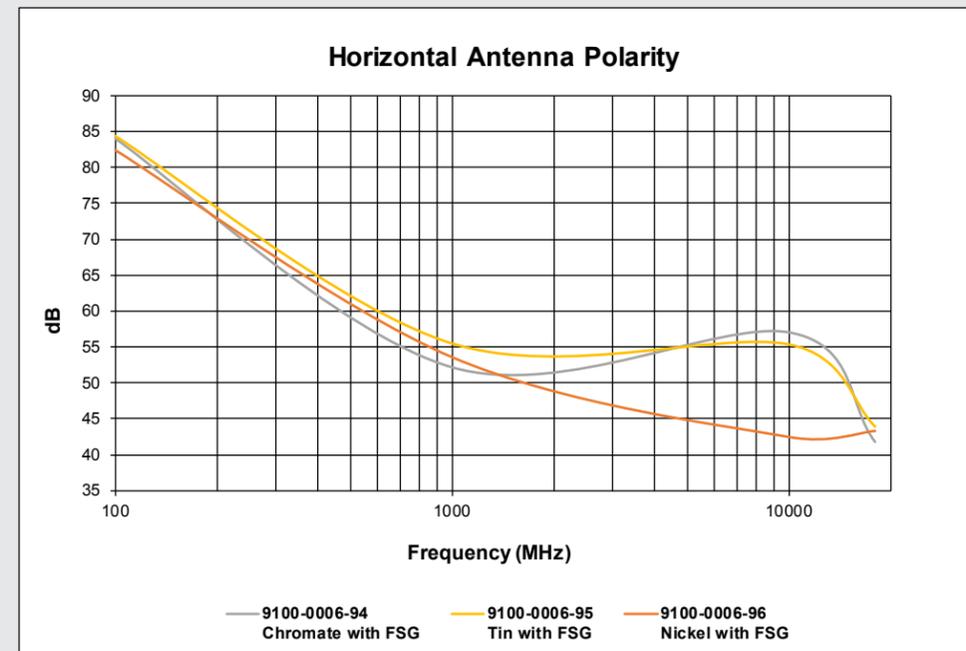
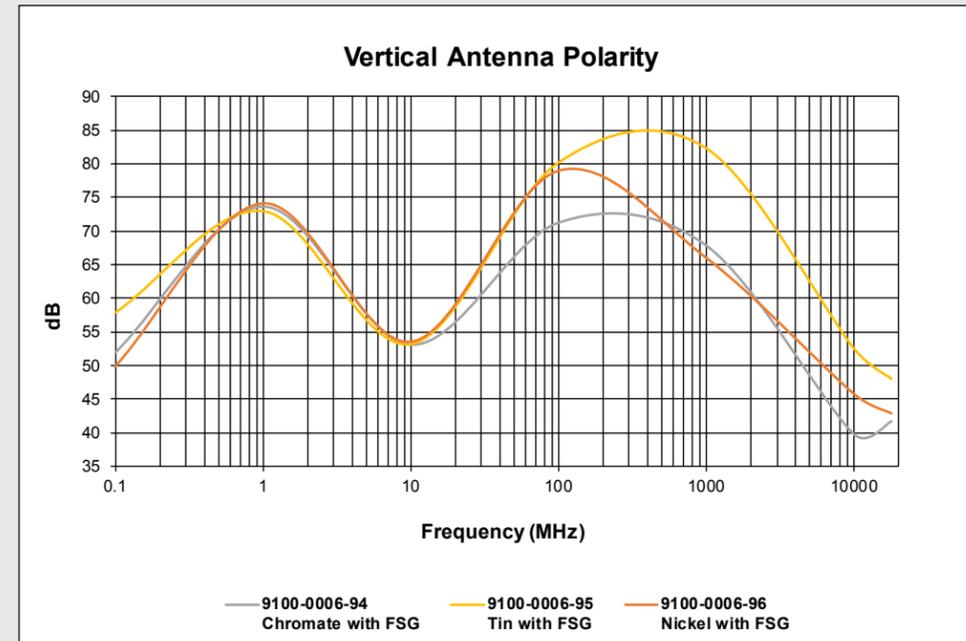
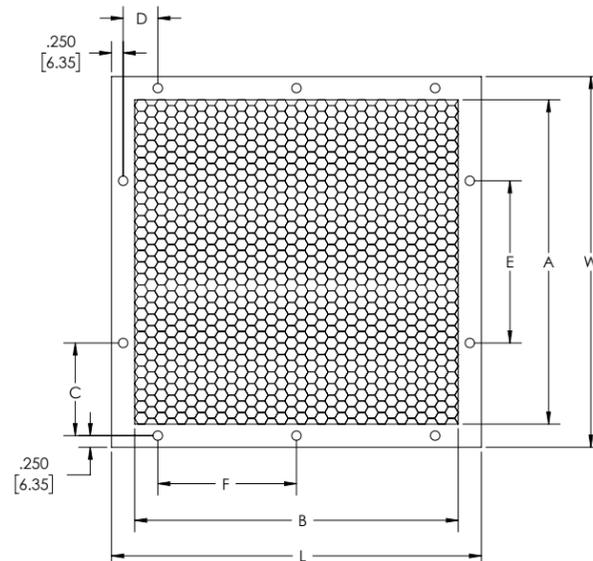
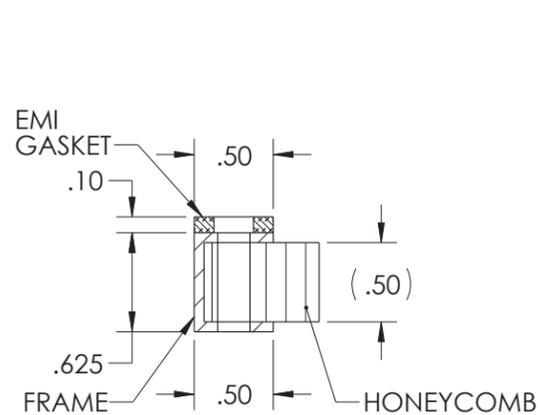
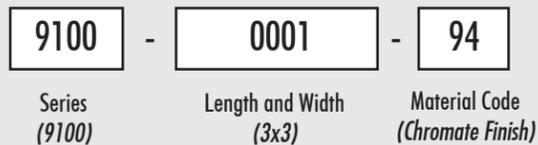
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Tech Vent EMI/RFI Vent Panels

9100-XXXX-XX		Honeycomb Area				Hole Spacing						No. of Fastening Holes						
Part Number	W	L	A	B	C	D	E	F	W Side	L Side	Black = inches Blue = mm							
9100-0001-XX	3.00	76.20	3.00	76.20	2.00	50.80	2.00	50.80	1.25	31.75	1.25	31.75	-	-	-	-	1	1
9100-0002-XX	4.00	101.60	4.00	101.60	3.00	76.20	3.00	76.20	1.75	44.45	1.75	44.45	-	-	-	-	1	1
9100-0003-XX	4.00	101.60	12.00	304.80	3.00	76.20	11.00	279.40	1.75	44.45	1.25	31.75	-	-	3.00	76.20	1	4
9100-0004-XX	5.00	127.00	5.00	127.00	4.00	101.60	4.00	101.60	2.25	57.15	0.75	19.05	-	-	3.00	76.20	1	2
9100-0005-XX	5.00	127.00	7.00	177.80	4.00	101.60	6.00	152.40	2.25	57.15	1.50	38.10	-	-	3.50	88.90	1	2
9100-0006-XX	6.00	152.40	6.00	152.40	5.00	127.00	5.00	127.00	1.00	25.40	1.00	25.40	3.50	88.90	3.50	88.90	2	2
9100-0007-XX	6.00	152.40	18.00	457.20	5.00	127.00	17.00	431.80	1.00	25.40	1.25	31.75	3.50	88.90	3.75	95.25	2	5
9100-0008-XX	7.00	177.80	7.00	177.80	6.00	152.40	6.00	152.40	1.50	38.10	1.50	38.10	3.50	88.90	3.50	88.90	2	2
9100-0009-XX	7.00	177.80	14.00	355.60	6.00	152.40	13.00	330.20	1.50	38.10	1.50	38.10	3.50	88.90	3.50	88.90	2	4
9100-0010-XX	8.00	203.20	8.00	203.20	7.00	177.80	7.00	177.80	2.00	50.80	0.75	19.05	3.50	88.90	3.00	76.20	2	3
9100-0011-XX	8.00	203.20	16.00	406.40	7.00	177.80	15.00	381.00	0.75	19.05	1.25	31.75	3.00	76.20	3.25	82.55	3	5
9100-0012-XX	10.00	254.00	10.00	254.00	9.00	228.60	9.00	228.60	1.25	31.75	1.25	31.75	3.50	88.90	3.50	88.90	3	3
9100-0013-XX	10.00	254.00	18.00	457.20	9.00	228.60	17.00	431.80	1.25	31.75	1.25	31.75	3.50	88.90	3.75	95.25	3	5
9100-0014-XX	12.00	304.80	12.00	304.80	11.00	279.40	11.00	279.40	1.25	31.75	1.25	31.75	3.00	76.20	3.00	76.20	4	4
9100-0015-XX	12.00	304.80	24.00	609.60	11.00	279.40	23.00	584.20	1.25	31.75	1.25	31.75	3.00	76.20	3.50	88.90	4	7

**Part Number Example
for part : 9100-0001-94**



Applications

- Fans
- Server Racks
- Ventilation openings
- MRI Room Shielding
- Military applications
- Telecommunications Hardware equipment

Material Characteristics

- Frames are made from aluminum extrusion
- Honeycomb is made from aluminum
- Low cost EMI Gaskets made with Fabric Shielding Gasket

Performance

- See attached test data

Availability

Custom sizes are available. Contact Leader Tech Engineering to discuss custom sizes. Visit our website to view our distribution partners.



www.LeaderTechInc.com

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