Leader Tech's low cost EMI vent panels are the perfect solution to shield openings for heating and ventilation against electromagnetic 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.

**Tech Vent EMI/RFI Vent Panels**

MATERIAL CODE  | HONEYCOMB | FRAME | PLATING | EMI GASKET
---|---|---|---|---
-91 | 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 | MONEL MESH PER QQ-N-281 BONDED TO NEOPRENE SPONGE PER ASTM B337, TYPE I, GRADE A, MOD
-92 | 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 B449, CLASS B | MONEL MESH PER QQ-N-281 BONDED TO NEOPRENE SPONGE PER ASTM B337, TYPE I, GRADE A, MOD
-93 | 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 B449, CLASS 5 | MONEL MESH PER QQ-N-281 BONDED TO NEOPRENE SPONGE PER ASTM B337, TYPE I, GRADE A, MOD
-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 B449, 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 B449, CLASS 5 | Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
## Product Profile

**Tech Vent EMI/RFI Vent Panels**

### Material Characteristics
- Frames are made from aluminum extrusion.
- Honeycomb is made from aluminum.
- Low-cost EMI gaskets made with Fabric Shielding Gasket.
- Environmental gaskets made from Neoprene sponge.

### 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.

### Applications
- Fans
- Server Racks
- MRI Room Shielding
- Military applications
- Telecommunications
- Hardware equipment

### Vertical Antenna Polarity

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<th>1</th>
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### Horizontal Antenna Polarity

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</tbody>
</table>
```

### Part Number Example

- **9100-0001-91**
  - **Series (9100)**: 9100
  - **Length and Width (3x3)**: 0001
  - **Material Code (Chromate Finish)**: 91

### Notes
- **EMI Gasket**: .10
- **Frame**: .635
- **Honeycomb**: .50

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**ISO 9001: 2015**

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