HOZOX HF2 EMI Noise Suppression Sheets

HOZOX HF2 EMI suppression sheets provide superior noise mitigation up to 40 GHz for high-frequency applications and pliability to wrap easily around cable and other high-frequency devices.

Features and Benefits

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>High performance broadband EMI noise absorption</td>
<td>Improves product performance by suppressing unwanted radiated emissions.</td>
</tr>
<tr>
<td>Composite sheet with magnetic and conductive properties</td>
<td>Provides outstanding high frequency noise suppression capabilities up to 40 GHz</td>
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<tr>
<td>Silicone-based material</td>
<td>Provides superior flexibility and pliability to conform or wrap around various shapes</td>
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<tr>
<td>UL 94V-0 flammability standard</td>
<td>Meets recognized international safety standards</td>
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</tbody>
</table>

Applications

- Data/Telecommunications
  - High-Speed I/O Connectors
  - High-Performance Cables
  - High-Speed Hubs, Switches and Servers
- Medical
  - Flat-Panel Flex Cables
  - Radiology Equipment
- Military and Aero Space
- Transportation and Industrial

Specifications

**REFERENCE INFORMATION**
- Thickness: 0.25mm
- Permeability: µ’ 2 (@20 GHz)
- Permittivity: ε’ 45 (@20 GHz)
- Shielding Performance: Refer to chart on back page

- Ambient Temperature Range: -40 to 105°C
- Ambient Moisture Range: Up to 85% RH
- Flammability: UL 94V-0
- Reflow Temperature: 260°C
- Heat Resistance: 105°C
- Environmental Compatibility:
  - RoHS 2011/65/EU Compliant, Lead-free
  - Volume Resistivity: 5.0 Ohm*cm
  - Tensile Strength: >2.0 MPa
  - Elongation: 30% Average
HOZOX HF2 EMI Noise Suppression Sheets

Competitor Comparison

Competitor Comparison Test: High Frequency Shielding Effect

Ordering Information

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Type</th>
<th>Size</th>
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<tbody>
<tr>
<td>2017701000</td>
<td>Sheet</td>
<td>330 by 330mm</td>
</tr>
<tr>
<td>2017700000</td>
<td>Roll</td>
<td>330mm by 50M</td>
</tr>
</tbody>
</table>

www.molex.com/link/hozox.html