EMI SHIELDING WIRE MESH TAPE AND GASKETS

**Characteristic**

Wire mesh tapes and gaskets provide excellent shielding performance. We offer Ag/Br, Sn/Cu/Fe, Sn/Ph/Bz, Al, Stainless and Monel wires to suit unique applications such as high operating temperature and/or oily environment or to endure heavy usage such as shielded room door where door is frequently opened and closed. Where compression elasticity is required, types with Si tube or foam core can be used without degrading the heat endurance ability.

**Available Profiles**

**EFFECTIVENESS BY WIRE TYPE (dB)**

<table>
<thead>
<tr>
<th>Materials</th>
<th>H-Field 100kHz</th>
<th>E-Field 10MHz</th>
<th>Plane 1GHz</th>
<th>Wave 10GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ag/Br</td>
<td>80+</td>
<td>135+</td>
<td>105</td>
<td>95</td>
</tr>
<tr>
<td>Sn/Cu/Fe</td>
<td>80+</td>
<td>135+</td>
<td>105</td>
<td>95</td>
</tr>
<tr>
<td>Sn/Ph/Bz</td>
<td>80+</td>
<td>130+</td>
<td>110</td>
<td>100</td>
</tr>
<tr>
<td>Aluminum</td>
<td>60</td>
<td>130+</td>
<td>90</td>
<td>80</td>
</tr>
<tr>
<td>Monel</td>
<td>60+</td>
<td>130</td>
<td>90</td>
<td>80</td>
</tr>
</tbody>
</table>

**SUS PERFORMANCE CURVE**

![SUS PERFORMANCE CURVE](image)

**Usage**

![Usage Diagram](image)
EMI SHIELDING WIRE MESH TAPE

■ Characteristic
Wire mesh tapes are used to wrap cables to shield against EMI noise. They are available with conductive adhesive tape for easy installation. Available widths are from min. 7.0mm to max. 245.0mm. They are also available in tubular form so that a cable or cables can be placed inside the tube.

■ Wire Types and Adhesive Types

SUS Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
Sn-Plated Cu Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
Al Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
Alloy Steel Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm
Monel Wire: Ø0.08mm, Ø0.11mm, Ø0.12mm, Ø0.15mm

Adhesive Tape Option: 1. Conductive Adhesive (0.1Ω, 1000g/in) 2. Non-Conductive Adhesive (0.1Ω,