ELPACTO® EMI Shield Foam

Glossary

EMI shield foam gaskets consist of electrically conductive fabrics over highly compressed elastomer foam core. These have been designed to meet commercial EMI shielding applications where wide tolerance exists. It offers various kinds of different types and dimensions to meet all of customers shielding requirements.

From standard square and rectangular to P, D, DD, C, FL, F, L, I, K type and more, IT Technology has been designing and developing ideal shielding gaskets to meet customer various needs.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>PU(polyurethane) Foam</td>
<td>ASTM D3958</td>
</tr>
<tr>
<td>32 ± 3</td>
<td>45 ± 3</td>
</tr>
<tr>
<td>≥ 0.8 [11.4]</td>
<td>≥ 1.0 [14.2]</td>
</tr>
<tr>
<td>≥ 150</td>
<td>≥ 100</td>
</tr>
<tr>
<td>≥ 0.4</td>
<td>≥ 1.0</td>
</tr>
<tr>
<td>≤ 10</td>
<td>≤ 10</td>
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</tbody>
</table>

PART NUMBER FORMULA

PN : ESG- F K - 7 - RN 4 - 1000 - 00

1. Serial Description (EMI shield Foam)
2. Type of Foam
   F : 45Kg black P.U foam
   S : 32Kg black P.U foam
   M : 45Kg White P.U foam (UL 94V-0)
3. Type of Fabric
   R : Rip-stop
   B : Non-woven
   K : Woven (taffeta)
   G : Woven (Cu + Ni + Au Plating) - Gold
   AL : AL Foil
4. Type of Shield Foam Shape
   None : Rectangular Type(Standard)
   P, D, DD, C, FL, F, L, I, K
5. Type of Pressure Sensitive Adhesive (PSA) Tape
   00 : Non-Conductive Tape
   15 : Conductive mesh tape

Cautions And Warnings

For Adhesive

Keep the attaching surface clean and dry to reach the best to adhesive.
The best operating temperature range is 15-35°C. It will be better if the temperature of attaching surface is higher than 10°C.
If it has been adhered correctly, generally the low temperature will not affect the constant adhesive effectiveness.