DETAIL SPECIFICATION SHEET

GASKETING MATERIAL, CONDUCTIVE, SHIELDING GASKET, ELECTRONIC, ELASTOMER, EMI/RFI, SHEET STOCK

This Specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the gasketing material described herein shall consist of this specification and the latest issue of MIL-DTL-83528.

Figure 1. Sheet orientation.

Figure 2. Volume resistivity locations.
REQUIREMENTS:

Design and interface: See figure 1 and table 1.

Group A Volume Resistivity: minimum of 9 locations per sheet. See figure 2.

Material: Type A, B, C, D, E, F, G, H, J, K, L, or M. Color of sheet is the natural (unpigmented) color of the mixed/cured compound. If pigmented sheets are required, the color must be specified. 1/

Part or Identifying Number (PIN): M83528/015XAAA-BBBB
  X = Material Type 1/
  AAA= Thickness is thousandths 2/
  BBBB= Sheet size (Length X Width) See table I.

Example: M83528/015B020-1520 for material dimensioned at 0.020X15X20 of Silver Aluminum

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.020 (0.51) to 0.040 (1.02)</td>
<td>±0.005 (0.127)</td>
</tr>
<tr>
<td>0.045 (1.14) to 0.080 (2.03)</td>
<td>±0.007 (0.178)</td>
</tr>
<tr>
<td>0.085 (2.16) to 0.130 (3.30)</td>
<td>± 0.010 (0.254)</td>
</tr>
<tr>
<td>0.135 (3.43) to 0.245 (6.22)</td>
<td>± 0.012 (0.305)</td>
</tr>
<tr>
<td>0.250 (6.35), or larger</td>
<td>± 5% of thickness</td>
</tr>
</tbody>
</table>

2/ Dimensions are in inches; metric equivalents are given in parenthesis and are for general information only.

Referenced documents. This document references MIL-DTL-83528.

Custodians: Army – CR
Navy – EC
Air Force – 85
DLA-CC

Preparing Activity: DLA-CC
(Project 5999-2017-002)

Review activities:
Army - MI
Air Force – 19, 99
NASA – NA

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at https://assist.dla.mil/.