3M™ Interam™ Mat Mount 7000NC
Intumescent - Non Classified Mat Mount
Technical Data Sheet

Description
3M™ Interam™ 7000NC is designed for the mounting of truck and off-road exhaust after treatment systems like Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR) and other systems, including designs, which utilize large diameter substrates and high gap openings.

3M Interam 7000NC is a flexible intumescent mat, which contains solely non-classified inorganic fibers conforming to the requirements of European laws as well as German workplace legislations. The appropriate amount of vermiculite provides adequate heat expansion characteristics at higher temperatures. A new innovative 3M technology enables very low binder content for safe low temperature diesel operation and low volatile organic components.

Applications - Total mount system for:
- Truck and off-road applications including diesel oxidation catalysts (DOCs), diesel particulate filters (DPFs), selective catalytic reduction (SCRs), etc.

Features
- Very good low temperature operating performance
- Wide operating temperature range (cold to ~750°C)
- Gap opening compensation for isothermal conditions
- High resiliency and high erosion resistance
- Non-classified according to the:
  - Regulation for mineral wool in appendix II number 5 of the German Hazardous Substances ordinance from Nov 26, 2010
  - German workplace regulations “Technical Rules for Hazardous Substances” - TRGS905
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Mat Mount Density (varies by application)

Target 0.65 - 0.70 g/cm³  Design Range 0.60 - 0.80 g/cm³

Physical Properties

<table>
<thead>
<tr>
<th>Weight/Areas Available (g/m²)*</th>
<th>2800</th>
<th>3500</th>
<th>4000</th>
<th>4200**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight/Area Range (g/m²)</td>
<td>2520 - 3080</td>
<td>3150 - 3850</td>
<td>3600 - 4400</td>
<td>3780 - 4620</td>
</tr>
<tr>
<td>Nominal Thickness (mm)</td>
<td>9,8</td>
<td>12,5</td>
<td>14,3</td>
<td>15,0</td>
</tr>
<tr>
<td>Thickness Range (mm)</td>
<td>8,3 – 11,3</td>
<td>10,5 – 14,5</td>
<td>12,3 – 16,3</td>
<td>13,0 – 17,0</td>
</tr>
<tr>
<td>Application Gap Target (mm)</td>
<td>4</td>
<td>5</td>
<td>5,7</td>
<td>6</td>
</tr>
</tbody>
</table>

*Other Weights Available on Request
** 2-layer mat bonded together at the center portion

Contact Information: The information provided in this technical document is intended as a guide for this product. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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