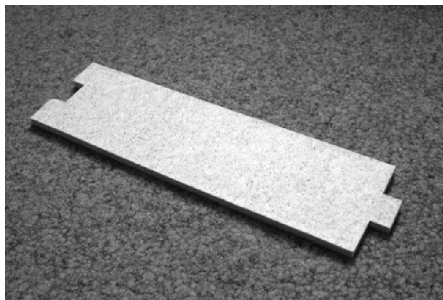


# 3M™ Interam™ Mat Mount 7000NC

## 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:

\*European Directive 67/578/EEC amended by directive 97/69/EC, substituted by the CLP regulation 1272/2008/EC

\*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

## Mat Mount Density (varies by application)

Target 0.65 - 0.70 g/cm<sup>3</sup> Design Range 0.60 - 0.80 g/cm<sup>3</sup>

## Physical Properties

Weight/Areas Available (g/m <sup>2</sup> )*	2800	3500	4000	4200**
Weight /Area Range (g/m <sup>2</sup> )	2520 - 3080	3150 - 3850	3600 - 4400	3780 - 4620
Nominal Thickness (mm)	9,8	12,5	14,3	15,0
Thickness Range (mm)	8,3 – 11,3	10,5 – 14,5	12,3 – 16,3	13,0 – 17,0
Application Gap Target (mm)	4	5	5,7	6

\*Other Weights Available on Request

\*\* 2-layer mat bonded together at the center portion

Composition Information	Organic Component Weight % Range	2 – 4
	Fiber Weight % Range	57 – 67
	Vermiculite Weight % Range	30 – 40

**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.

**Technical Information:** The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

**Product Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

**Warranty, Limited Remedy, and Disclaimer:** Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



### Automotive Division

3M Center  
St. Paul, MN 55144-1000  
Phone 1-800-328-1684  
Web [www.3M.com/autosolutions](http://www.3M.com/autosolutions)

3M and Interam are trademarks of 3M Company  
Please recycle. Printed in USA.  
© 3M 2015 All rights reserved.