

# 3M™ Interam™ Mat Mount 7000NC

## Technical Data Sheet



### Product Description

3M™ Interam™ Mat Mount 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. An innovative 3M technology enables very low binder content for safe low temperature diesel operation and low volatile organic components.

Interam Mat Mount 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.

### 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

### Applications:

- Truck and off-road applications including diesel oxidation catalysts (DOCs), diesel particulate filters (DPFs), selective catalytic reduction (SCRs), etc.

### Application Density (varies by application)

Target	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**	4900	5600	6300	7000
Weight/Area Range (g/m <sup>2</sup> )	2520 - 3080	3150 - 3850	3600 - 4400	3780 - 4620	4410 - 5390	5040 - 6160	5670 - 6930	6300 - 7700
Nominal Thickness (mm)	9.8	12.5	14.3	15.0	17.3	19.6	22.3	25.0
Thickness Range (mm)	8.3 - 11.3	10.5 - 14.5	12.3 - 16.3	13.0 - 17.0	14.8 - 19.8	16.0 - 23.0	18.8 - 25.8	21.0 - 29.0
Application Gap Area (mm)	4.0	5.0	5.7	6.0	7.0	8.0	9.0	10.0
Composition Information	Organic (%)	2 - 4						
	Fiber (%)	57 - 67						
	Vermiculite (%)	30 - 40						

\* Other weights available upon request

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

## Regulatory Information

Please refer to the product label and Safety Data Sheet (SDS) for health and safety information before using.

## Contact Information

The information provided in this technical document is intended as a guide for these products. 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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### Automotive Aerospace Solutions Division

3M Center, Building 224-6NE-45

St. Paul, MN 55144-1000

Phone: 1-800-328-1684

Web: [www.3M.com/emission](http://www.3M.com/emission)

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