

3M™ Interam™ Mat Mount 1801

Technical Data Sheet

Product Description

3M Interam Mat Mount 1801 is a non-intumescent, reduced binder content material designed to be compatible with a wide range of applications. The fiber technology used in this material allows for optimal value and performance at a wide operating temperature range. Interam Mat Mount 1801 is supplied for application gaps ranging from 3 to 5 mm and is designed for the mounting of gasoline catalytic converters including Underbody, Close Coupled, and Manifold Mount converters.

Features

- Wide operating temperature range (ambient to ~1050°C)
- Reduced binder content
- Excellent erosion resistance
- Available basis weights for mounting gaps from 3 to 5 mm

Applications

- Developed for use with close coupled, manifold mounted, and underbody converters in gasoline applications
- Ambient to high temperature systems
- Compatible with standard, thin, and ultra-thin-walled substrates

Application Density (varies by application)

| | |
|--------------|-------------------------------|
| Target | 0.45 g/cm ³ |
| Design Range | 0.40 - 0.55 g/cm ³ |

Physical Properties

| Weight/Areas Available (g/m ²) * | | 1575 | 1750 | 1850 | 2250 |
|----------------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Weight/Area Range (g/m ²) | | 1418 - 1733 | 1575 - 1925 | 1665 - 2035 | 2025 - 2475 |
| Nominal Thickness (mm) | | 9.5 | 10.6 | 11.2 | 13.9 |
| Thickness Range (mm) | | 8.4 - 10.6 | 9.3 - 11.9 | 9.9 - 12.5 | 12.2 - 15.6 |
| Application Gap Area (mm) | | 3.5 | 3.9 | 4.1 | 5.0 |
| Composition Information | Organic (%) | 3 - 8 | | | |
| | Fiber (%) | 92 - 97 | | | |

* Other weights available upon request

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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