

3M™ Interam® Thermal and Emissions Solutions
Research and Development



Product Development through Innovation

3M is dedicated to advancing state-of-the-art mounting materials and thermal insulation. Access to 3M Corporate R&D resources allows our team to provide our customers with solutions to address their mat mount and thermal insulation needs. 3M's 100-year history of innovation, combined with this team's 30 years of experience, contributes to what makes Interam® Brand Products a market leader.



Since 3M began operations more than 100 years ago, we've been developing products that make life easier and better for people. 3M operates laboratories in 34 countries and Customer Technology Centers in more than 25 countries. We have over 30 labs outside the United States and about 40 labs in the United States. And we have 139 plant locations and 188 sales office locations worldwide.

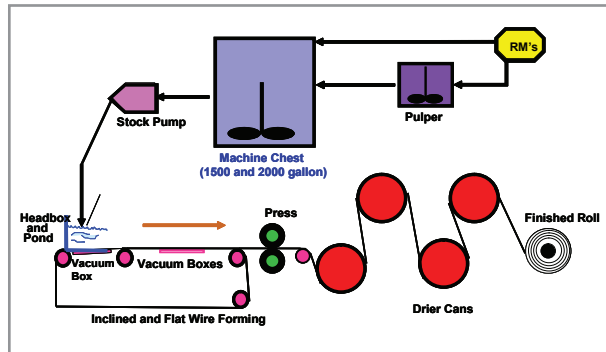
3M is committed to using the best materials available, worldwide, in order to create cost-effective, high-performance catalyst mounting and exhaust insulation systems. We leverage 30 years of mat-making and material expertise to create these solutions. Finished mats incorporate carefully selected fibers and other components that are chosen to tailor the mat to the requirements of the specific application.

Ab Abrasives	Bi Biotech						Pm Polymer Melt Processing	Sm Specialty Materials			
Ac Acoustics	Ce Ceramics	Em Electronic Materials						Nt Nano Technology	Po Porous Materials & Membranes	Su Surface Modification	
Ad Adhesives	Dd Drug Delivery	Fc Flexible Converting & Packaging						Mi Microbial Detection & Control	Nw Nonwoven Materials	Pp Precision Processing	Tt Track and Trace
Am Advanced Material	Di Display	Fe Flexible Electronics	Fs Filtration Separation Purification	Is Integrated Systems & Design	Me Metal Matrix Composites	Mo Molding	Op Opto-electronics	Pr Process Design & Control	Vp Vapor Processing		
An Analytical	Do Dental & Orthodontic Materials	Fi Films	Im Imaging	Lm Light Management	Mf Mechanical Fasteners	Mr Micro-replication	Pd Particle & Dispersion Processing	Rp Radiation Processing	We Accelerated Weathering		
As Application Software	Ec Energy Components	Fl Fluoro-materials	In Inspection & Measurement	Md Medical Data Management				Pe Predictive Engineering & Modeling	Se Sensors	Wo Wound Management	

Prototype Manufacturing

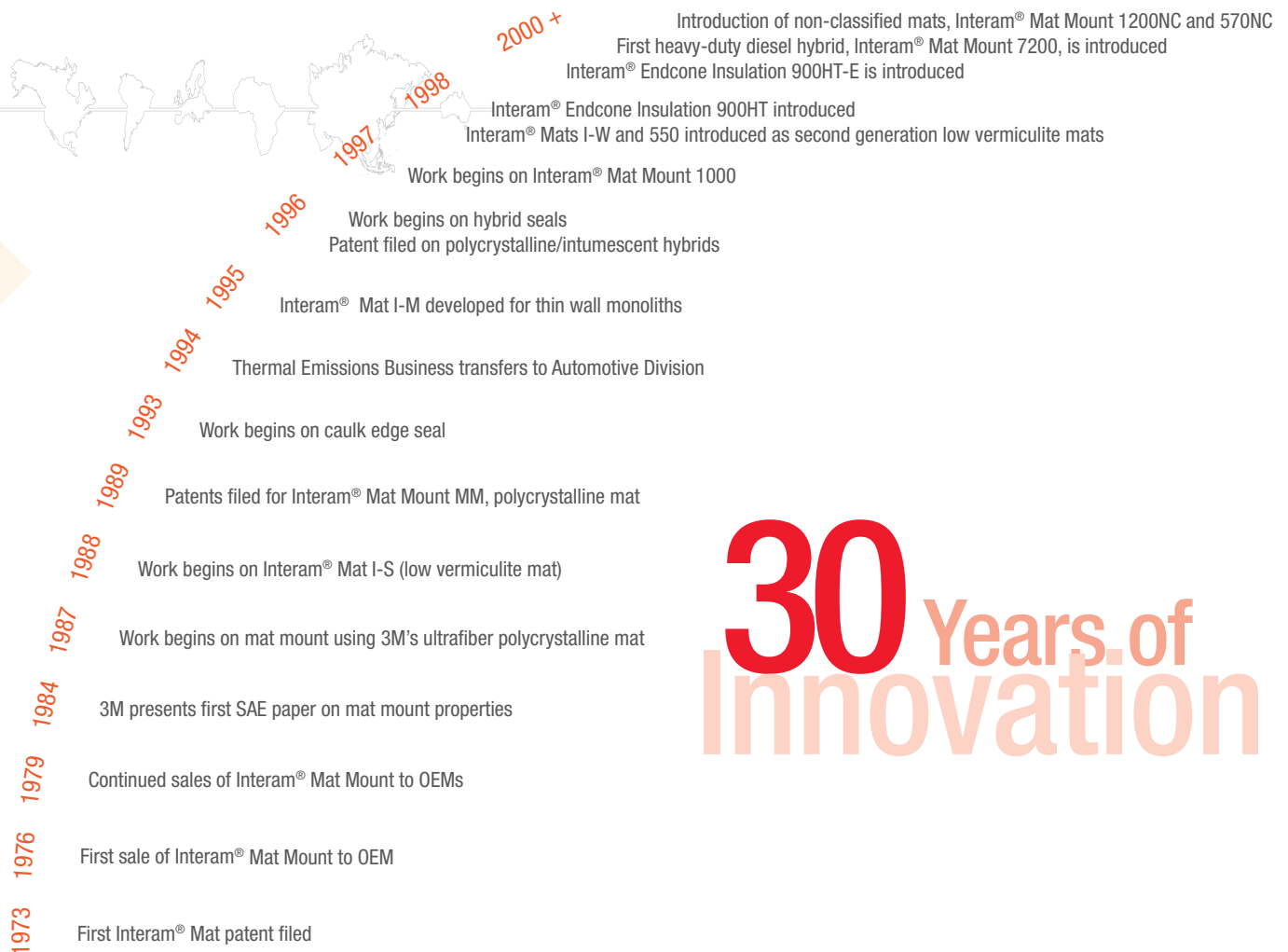
To respond quickly to customer requests, the 3M team working on Interam® Brand Products operates two pilot lines that offer the opportunity for in-house testing and analysis. The Wet-Laid Pilot Line provides a tool to fine tune mat properties before proceeding to full-scale production.

Wet-Laid Pilot Line



The Converting Pilot Line creates smaller scale specs, using customer dies kept locally and converts the order into parts for customer pre-production approval. These two pilot lines allow for the ability to get prototype samples in a variety of part shapes and material types to the customer quickly.

Converting Pilot Line



30 Years of
Innovation

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