3M Overview

For more than 100 years, people around the world have looked to 3M for products and ideas that solve problems and make activities more efficient. With more than 55,000 products, 30-plus core technologies, 3M continues to develop ingenious solutions to meet your developing needs.

3M’s Automotive Division is focused on providing products and solutions that help automotive customers achieve their business drivers of:

- Improving design and processing
- Reducing costs
- Reducing weight
- Gaining a competitive advantage
- Vehicle differentiation
- Improving occupant comfort and safety

Contact 3M to access tomorrow’s ideas and technologies today.

Exterior Attachment

- **3M™ Acrylic Foam Tape** is the industry standard for the attachment of exterior trim parts and also for the attachment of seals such as primary door seals.

Interior Solutions

- **3M™ Dual Lock™ Reclosable Fasteners** enable positive locking and blind fastening for components used for applications such as headliner and trim attachment.

- **3M™ Cabin Air Filters** are designed to protect vehicle occupants from harmful particles and gasses entering the vehicle.

- **3M™ Scotchweld™ DP8005 Structural Acrylic Adhesive** is designed to bond low surface energy plastics without the need for costly surface treatments.

- **3M™ Fastbond™ Water Dispersed Adhesive** bonds large surface areas, such as headliners, trim panels and carpet.

How can 3M help you?

Contact 3M Automotive Division to see how we can help your business.

Our team of specialists are on hand to help solve your business issues and application requirements.

www.3M-automotive.com  Tel. 01344 857 867
Acoustic Insulation and NVH

- **Thinsulate™ Acoustic Insulation** is a highly efficient, very lightweight, water repellent and recyclable sound absorber for interior noise control.

- Anti buzz, squeak and rattle solutions covering a range of 3M™ Bumpon Protectors, Tapes, Films, Foils and other NVH products.

Body In White

- Structural adhesive technology can be used for primary and secondary bonding of the Body in White, including applications such as hem flange bonding for steel and aluminium applications.

- Structural adhesive films are applied in die-cut or tape format and build up strength during an oven paint-bake cycle. Used for applications such as reinforcement brackets.

Paint Shop - Film Products

- Blackout films or paint replacement films incorporating microcomply technology provide flexible and process friendly alternatives to paint and cladding.

- Paint Protection Film provides tough, transparent surface protection from stone chips and other hazards.

Manufacturing Consumables

- Achieving the optimum surface finish in each production step is critical to your final build quality. We have effective systems for grinding, sanding, polishing, masking and wiping. From Body in White through to the Finesse-it™ system, 3M can help to repair and refine the surface – quickly and consistently.

Glazing

- Glass attachment solutions such as rear view mirror attachment using structural bonding tape and Reclosable Fasteners for temporary glazing fix solutions during curing.

Powertrain and Chassis

- **3M™ Interam™ Mats** are used to hold the ceramic catalyst in place in its casing, supporting the catalytic converter from mechanical and thermal shocks.

Other Product Areas and Solutions

- **Converting Operations** - the converting and die-cutting of 3M parts, such as tape and film products, to your specific requirements.

- **Product Design and Manufacturing Services**

- **Glass Bubbles** - used as a polymer additive to reduce weight by up to 30%.

- **Electronic and electrical solutions** - a wide range of products to support engine management and in-vehicle applications. Products that include cables and connectors, cable assemblies, thermal management tapes and conductive pads, shielding and grounding products, general and specialist tapes and adhesives, Novec™ Engineered Fluids for cleaning and cooling electronic devices and also Novec™ Electronic Coating for moisture protection in electronics.

- **Optical Films** - 3M Touch Systems is a division developing new and innovative concepts for interfacing with in-car systems. Vikuiti™ Optical Enhancements for displays can increase display brightness, reduce screen surface reflections and minimise heat build up.

- **Labels and identification**

- **Safety and Security**

New Technology

- **High Gloss Black Film for Exterior**

- **B/W technologies**

- **Interior lighting**

- **Illuminated licence plates**

- **Wheel balancing**

- **Parking sensors**

- **And much more...**