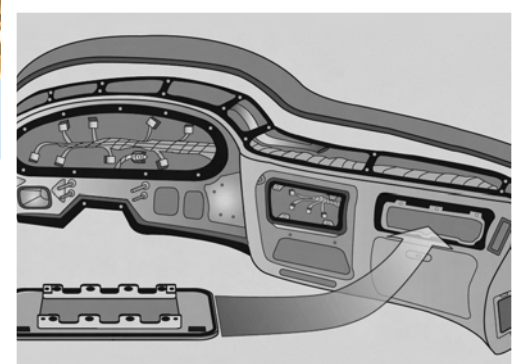




Sound Management Material

Always on the lookout for ways to enhance the driving experience, automotive manufacturers continually investigate acoustic technology that incorporates more efficient sound management. This includes ways to further reduce noise in the passenger cabin, for example by requiring anti-squeak protection between plastic components. By employing effective materials and proven converting techniques, these companies can ensure the sound comfort levels of their products.



Any area where plastic meets plastic, 3M Conformable Sound Management Film Tape can provide anti-squeak protection.

3M Conformable Sound Management Film Tape

3M™ Conformable Sound Management Film Tape offers excellent abrasion, anti-wear resistant, anti-stick, and low co-efficient of friction properties for use in automotive applications to meet sound management specifications.

3M Conformable Sound Management Film Tape provides dry pressure-sensitive adhesive with the following key advantages:

Outstanding abrasion resistance: passes Ford and GM Taber requirements;

Quiet: high energy absorption capacity to prevent plastic-to-plastic squeaks;

Easy application: pressure-sensitive adhesive that's easily applied on the assembly line, helping to improve throughput;

Conformable: no die-cutting to fit irregular part shapes;

Fogging: desirable high fogging number for materials minimizes fogging on the inside of a car's windshield.

Application is by hand. The 3M Conformable Sound Management Film Tape is applied to the perimeter of a passenger airbag cover (or other plastic component) after the decorative vinyl covering is attached. Finished parts are shipped to the OEM assembly plant for installation on the assembly line.



Unique non-woven micro fiber backing allows for conformability, elasticity, compressibility, and durability for excellent noise reduction.





Material is slit for easy application of pressure-sensitive tapes.

Fabrico Converting Capabilities

Fabrico's broad range of capabilities, including precision slitting and rewinding, allow for accurate cutting or slitting of thick and thin materials. Fabrico utilizes its experienced design engineering team and a broad range of in-house converting equipment to provide custom flexible material solutions for unique size and shape requirements.

Fabrico can meet custom slit width requirements, with equipment handling rolls up to 76" wide and 24" in diameter. Material widths range from 1"-76", and thicknesses from 0.001"-0.093". Using a tension controlled feed system, materials are slit to any specified width, ranging from 0.187"-76", with tolerances to +/- 0.005". Slitting methods include shear, crush, or razor.

About Fabrico

Fabrico is the market leader in design and manufacturing services for flexible materials. By focusing on its customers' needs, Fabrico has developed a reputation for solving unique challenges and providing sound customer solutions.

The company offers a wide range of product design and engineering capabilities including custom die cutting, rotary die cutting, prototyping, manufacturing, and final assembly and kitting.

Fabrico provides design solutions for several applications, including bonding and sealing, electrical insulation, EMI/RFI shielding, vibration dampening, masking, and many others. This broad base of expertise allows for creative and integrated solutions with strict adherence to application requirements.

What is a 3M Preferred Converter?

As a 3M Preferred Converter, Fabrico receives the latest in material information and exclusive training from 3M, further enhancing their expertise in the design and custom fabrication of flexible materials.

This alliance blends 3M's high-value products with Fabrico's applications and manufacturing expertise to provide customers with the best solution for their application.



Headquarters

4175 Royal Drive, Suite 800 • Kennesaw, GA 30144
Phone: 678-202-2700 • Fax: 678-202-2702
Toll Free: 800-351-8273 • E-mail: info@fabrico.com



www.fabrico.com

Fabrico is a trademark of EIS, Fabrico Inc. 3M is a trademark of 3M Company.