

From design to delivery

Automotive manufacturers all over the world rely on 3M's innovative technologies to help improve their products inside and out. From streamlining assembly, reducing weight, dampening noise and vibration, improving and protecting surfaces and much more, 3M solutions can help take your products to another level of performance.

AUTOMOTIVE



EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK

Innovative Solutions for the Automotive Industry

Boosting fuel consumption, cutting greenhouse gas emissions, and creating compelling new designs—all while doing everything possible to reduce costs—are just a few of the many challenges facing automotive designers and engineers. 3M solutions for bonding and attachment, surface protection, cabin comfort and much more can help improve design flexibility and cost-efficient automotive performance.



Click on a **red dot** below to learn more about 3M Automotive Solutions.

EXTERIOR
FRONT



EXTERIOR
BACK



INTERIOR
FRONT



INTERIOR
BACK



Automotive Exterior Front

Constantly exposed not only to extreme environmental conditions but to your discerning eyes, automotive exterior elements need to be protected, sealed, identified, efficiently assembled and, of course, aesthetically designed. 3M technologies can help, from trunk to hood.

Heat Shielding

Identification Labels

Paint Protection

Brake System Information Label

Headlight Assembly

General, Two-Tone and Critical Paint Masking

Paint Replacement Films

Electric Vehicle Battery Application

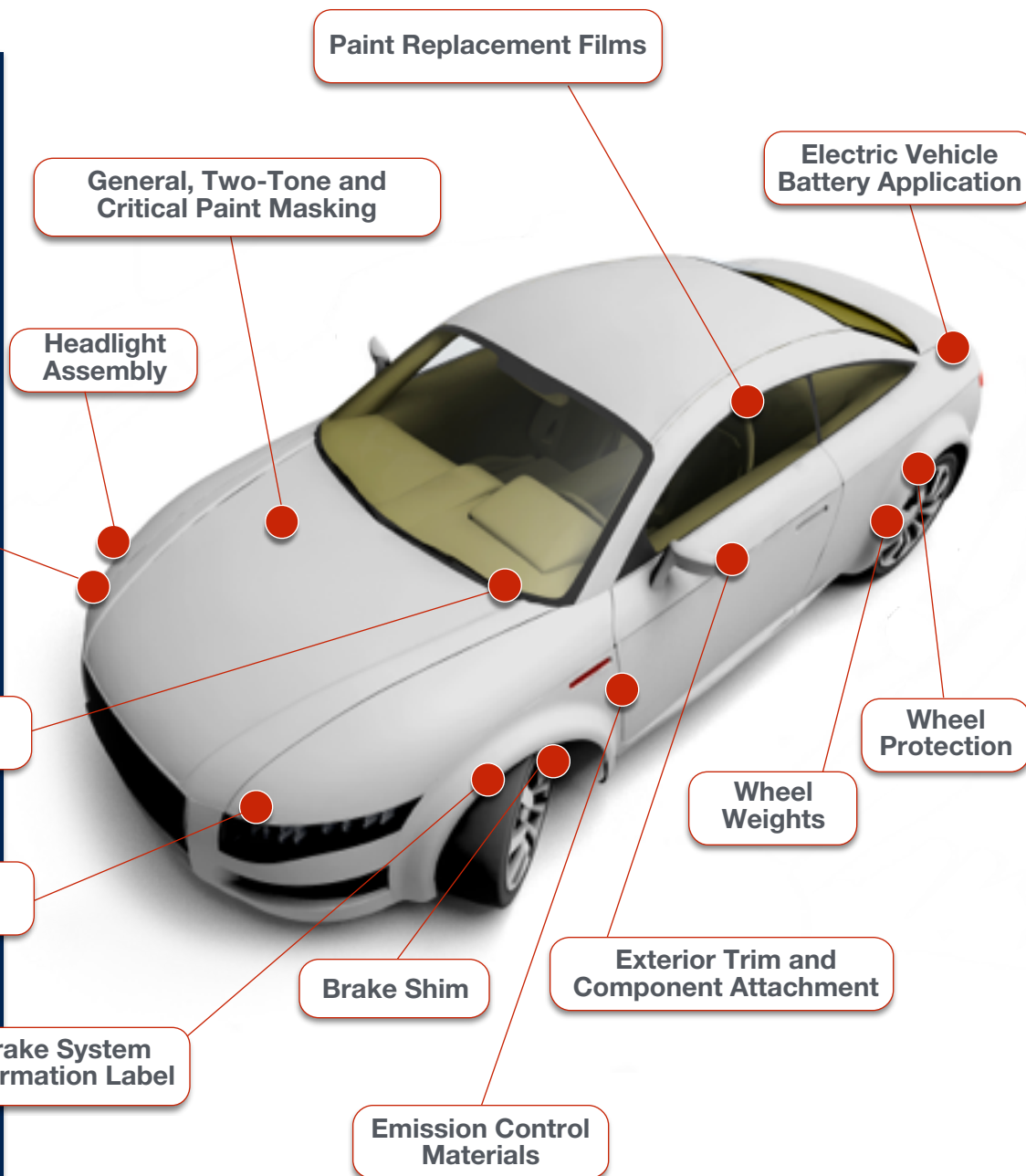
Wheel Protection

Wheel Weights

Exterior Trim and Component Attachment

Brake Shim

Emission Control Materials



Automotive Exterior Back

Constantly exposed not only to extreme environmental conditions but to the discerning eyes of potential buyers, automotive exterior elements need to be protected, sealed, identified, efficiently assembled and, of course, aesthetically designed. 3M technologies can help, from trunk to hood.

Passcode Entry Keypad

Side Mirror Attachment

Roof Ditch

Antenna

Spoiler

Tail Light Assembly
and Protection

Performance Label

Trunk Lining



EXTERIOR FRONT

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Automotive Interior Front

Fit and finish are never more important than inside automobiles. Consumers want vehicles that are comfortable, functional, pleasing to the eye, quiet, secure and durable. From the instrument clusters and air bag components to graphics, trim assemblies and more, we work with you to help ensure that every component fits the way you designed it to—even if you're using low surface energy (LSE) or dissimilar materials.

Pillar Fabric Attachment

Sound Absorbing Materials

Decorative Stitching Protection

Seat Heater

Passenger Airbag Deployment Protection

Automatic Seat Controls

Instrument Panel

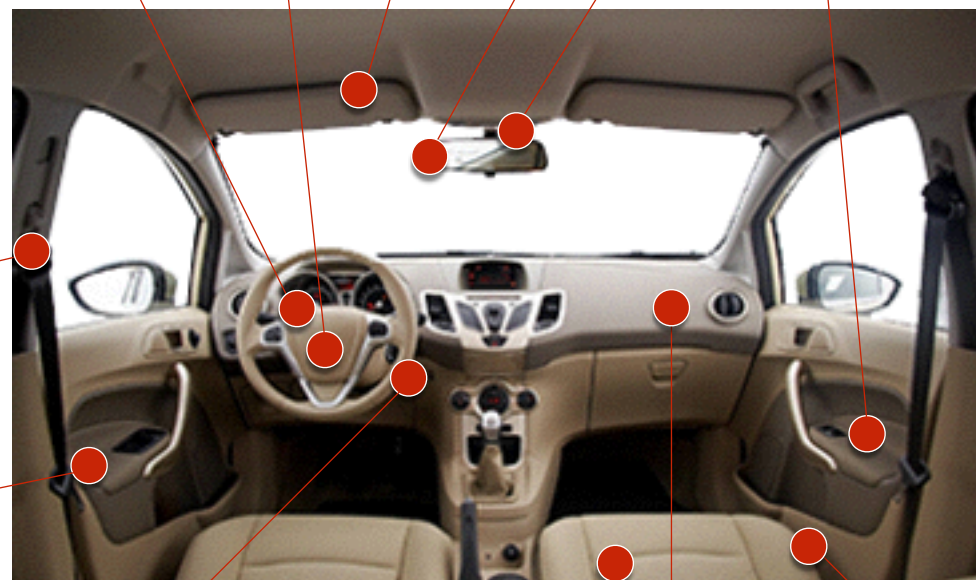
Nameplate/Emblem

Integrated Garage Door Opener

Rear View Mirror Attachment, Assembly & Harness

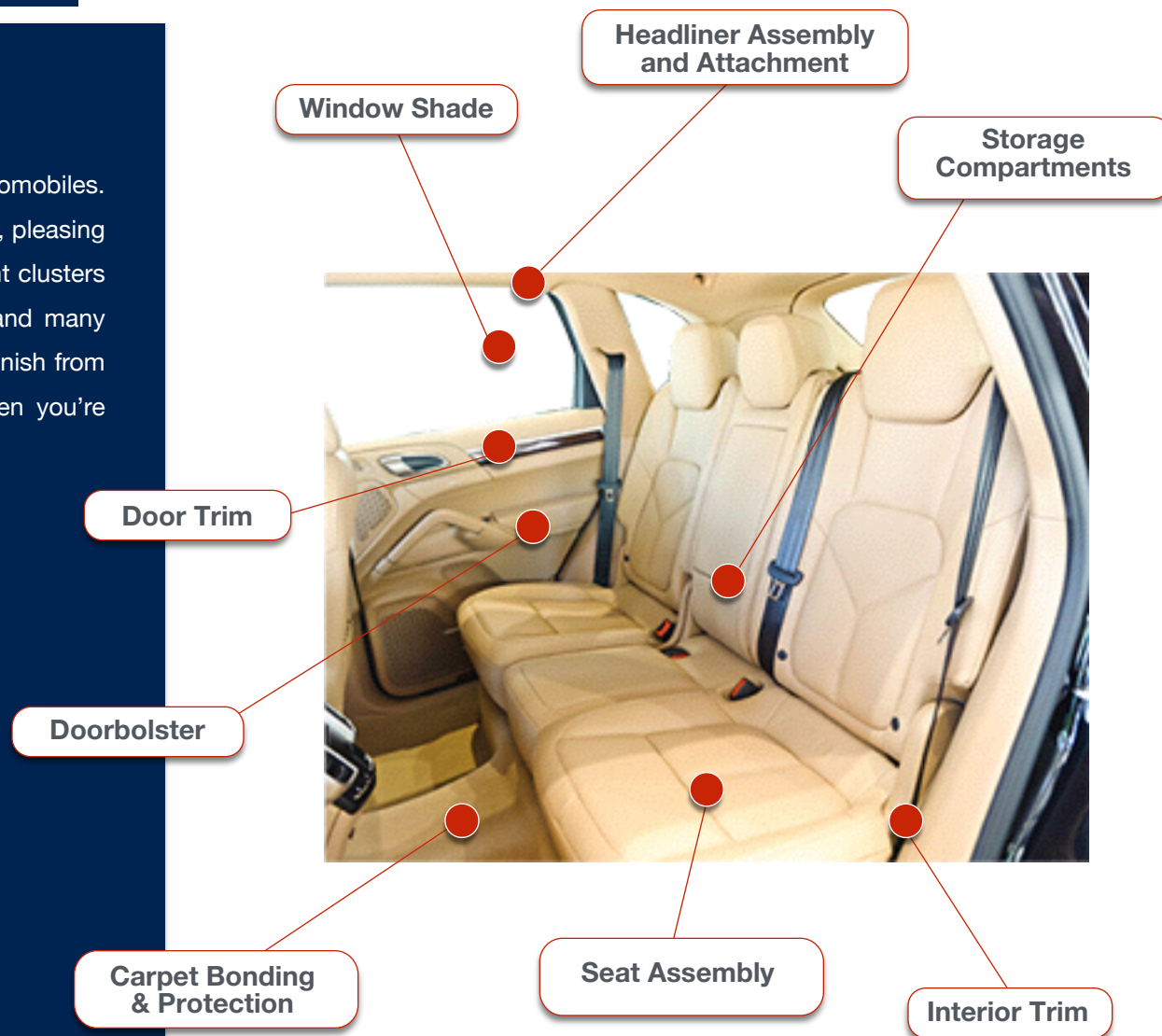
Interior Lighting

Buzz, Squeak & Rattle Applications



Automotive Interior Back

Fit and finish are never more important than inside automobiles. Consumers want vehicles that are comfortable, functional, pleasing to the eye, quiet, secure and durable. From the instrument clusters and air bag components to graphics, trim assemblies and many other components, 3M technologies help ensure fit and finish from the front to the back of automotive interiors. Even when you're using low surface energy (LSE) or dissimilar materials.



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Temporary Paint Protection Tape

3M™ Polypropylene Protective Tape 24S56W

3M™ Polypropylene Protective Tape 24S56W is a white, 2.5 mil polypropylene multi-polymer tape with a medium-tack adhesive system for temporary surface protection. Up to six months UV protection with improved fresh paint compatibility. Abrasion resistant backing to help reduce damage from rail dust and stone chips, and iron filings to help reduce rework.

Permanent Paint Protection Film

3M™ Paint Protection Film

3M™ Paint Protection Film is a transparent, urethane film designed to protect automotive surfaces from scratches, stone chips, galvanic corrosion, abrasion and wear.

- Nearly invisible film protects the painted finish, without affecting design or color of the vehicle
- Meet and exceed OEM appearance, performance and weathering requirements
- Available in a variety of thicknesses

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Brake System Information Label

3M™ High Performance Acrylic Adhesive 350

3M™ High Performance Acrylic Adhesive 350 is a good choice for applications that require adhesion to low surface energy (LSE) plastics, powder coatings and oily materials.

- Up to 450°F short-term heat resistance
- Excellent solvent resistance
- Good shear strength

3M™ Thermal Transfer Label Materials 7871

3M™ Thermal Transfer Label Materials 7871 is considered to be the Industry Standard - The Label Stock by which all others are judged. Unique combination of cohesion and adhesion offering the ultimate in label performance.

- 2.0 mil, gloss, white polyester facestock with 1.8 mil acrylic adhesive 350 on a 55 lb densified kraft liner
- Excellent adhesion to LSE plastics and textured powder-coated painted surfaces; automotive underhood chemical resistance



- 2.0 mil gloss white polyester facestock with 1.8 mil acrylic adhesive 350 on a 55 lb densified kraft liner
- Excellent adhesion to LSE plastics and textured powder-coated painted surfaces; automotive underhood chemical resistance

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Heat Shielding

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363 Silver has an aluminum foil backing combined with a glass cloth and pressure-sensitive silicone adhesive.

- Has high tensile strength, puncture and tear resistance and conformability with a 3.4mm backing thickness
- Covers a -65°F to 600°F temperature range for wrapping, insulating and protecting wires, cables and temperature-sensitive materials as well as silicone
- Resists flame, moisture, weather, chemicals and UV degradation
- Is thermally conductive with high heat and light reflectivity for heating and cooling efficiency

3M™ Aluminum Foil Tape 425

3M™ Aluminum Foil Tape 425 features a dead-soft aluminum foil backing for excellent heat and light reflection to protect against high temperatures and UV degradation. The foil also serves as an excellent barrier against moisture, dust, flame and certain chemicals used in aircraft paint stripping masking.

- Acrylic adhesive supplies superior temperature, UV and solvent resistance
- Provides excellent age life and is ideal for harsh, long-term outdoor environments

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Headlight Assembly

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Protective UV Tape 31U23C/UV

3M™ Protective UV Tape 31U23C/UV offers temporary protection from damage due to scratching, marring and chipping during production, assembly, packaging, shipping and installation. The tapes are easy to remove and have better outdoor resistance for up to five months.

3M™ High Performance Acrylic Adhesive 100MP

3M™ High Performance Acrylic Adhesive 100MP is designed for harsh environments in automotive and outdoor applications. It forms a strong bond to metals and high surface energy plastics. This adhesive meets the solvent-free industry standard for graphic attachment and die-cut parts.

- Excellent long-term holding power with higher adhesion strength than typical PSAs
- Transparent and ideal for use in replacing rivets, spot welds, liquid adhesives and other permanent fasteners
- Evaluate F9469PC for flexible printed circuit assembly

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General, Two-Tone and Critical Paint Masking

3M™ Specialty High Temperature Masking Tape 501+

3M™ Specialty High Temperature Masking Tape 501+ is a specialty high temperature masking tape used for critical paint masking applications.

3M™ Vinyl Tape 471+

3M™ Vinyl Tape 471+ is a conformable vinyl tape with a versatile rubber adhesive. The moderately translucent backing allows for accurate alignment in simple or complex patterns.

- Produces a sharp, clean paint line for color separation
- Withstands a bake cycle up to 250°F (121°C) for 30 minutes and removes cleanly
- Rubber adhesive adheres well to many surfaces
- Resists lifting from depressed areas on irregular surfaces
- Vinyl backing is abrasion resistant and allows one piece removal

Scotch® Fine Line Tape 218

Scotch® Fine Line Tape 218 is a high performance film backed tape with low profile and high adhesion to achieve excellent paint lines and for other masking and holding applications.

- Green, 3.8 mil polypropylene film backing with 1.2 mil rubber adhesive, up to 250°F for 30 minutes
- Natural rubber adhesive for good instant adhesion; excellent color line separation due to thin plastic backing
- Easy tear, pressure sensitive

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Brake Shim

3M™ High Performance Acrylic Adhesive 100MP

3M™ High Performance Acrylic Adhesive 100MP is designed for harsh environments in automotive and outdoor applications. It forms a strong bond to metals and high surface energy plastics. This adhesive meets the solvent-free industry standard for graphic attachment and die-cut parts.

- Excellent long-term holding power with higher adhesion strength than typical PSAs
- Transparent and ideal for use in replacing rivets, spot welds, liquid adhesives and other permanent fasteners
- Evaluate F9469PC for noise, vibration and harshness damping applications in brake assemblies

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Wheel Weights

3M™ Wheel Weights

3M™ Wheel Weights are lead-free, corrosion-free, conformable, wheel-balancing material

- Attaches securely using 3M™ Automotive Attachment Tape
- Reduces inventory and waste with unique cut-to-weight dispensing system
- Black or gray

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Wheel Protection

3M™ Protective UV Tapes 31U23C, 31U85C

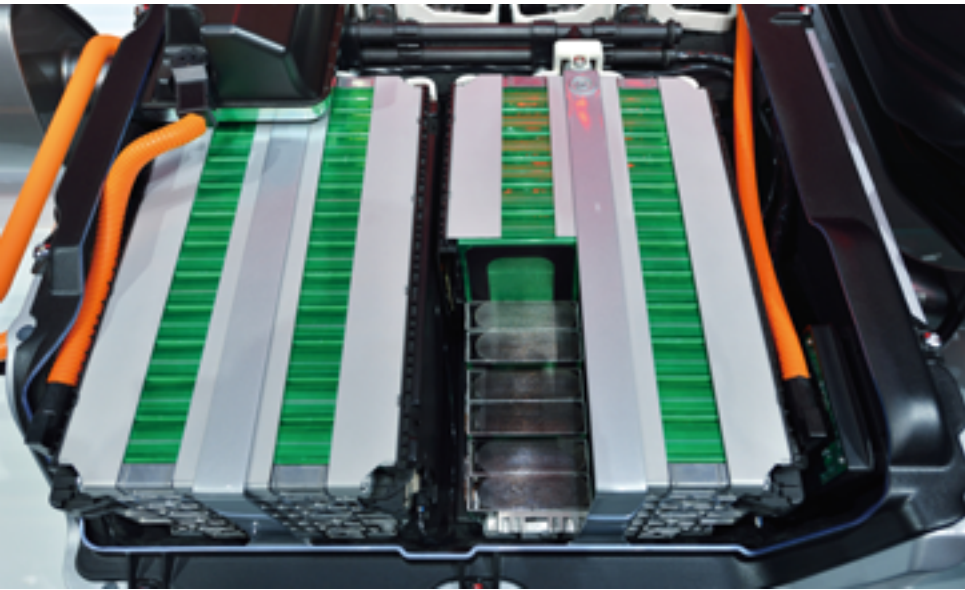
3M™ Protective UV Tapes offer temporary protection from damage due to scratching, marring and chipping during production, assembly, packaging, shipping and installation. The tapes are easy to remove and have better outdoor resistance for up to five months.

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From laminating adhesives to spacer materials and everything in between, 3M can provide custom product constructions to address a wide range of applications in your alternative powertrain. Contact your local 3M sales professional to learn more about our e-mobility solutions, and let our technology experts help you find the right product for your battery design.

Electric Vehicle Battery Application

3M™ High Performance Acrylic Adhesive 200MP

3M™ High Performance Acrylic Adhesive 200MP is a popular choice and industry standard for graphic attachment and general industrial joining applications. It provides outstanding adhesion to metal and high surface energy plastics. This adhesive provides some initial repositionability for placement accuracy when bonding to plastics. It also performs well after exposure to humidity and hot/cold cycles.

- Up to 400°F short-term heat resistance
- Excellent solvent resistance
- Excellent shear strength to resist slippage and edge lifting

3M™ Quick Bonding Adhesive 360

3M™ Quick Bonding Adhesive 360 provides high bond strength to most surfaces and excellent adhesion to difficult-to-bond-to surfaces such as HDPE, LDPE and PP.

- Up to 350°F short-term heat resistance
- Excellent solvent resistance
- Super-quick stick and high adhesion from a thin tape

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**3M™ Low Surface Energy Acrylic Adhesive 300LSE**

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances
- Evaluate 9472LE and 93015LE for your specific application.

Exterior Trim and Component Attachment**3M™ Quick Bonding Adhesive 360**

3M™ Quick Bonding Adhesive 360 provides high bond strength to most surfaces and excellent adhesion to difficult-to-bond-to surfaces such as HDPE, LDPE and PP.

- Up to 350°F short-term heat resistance
- Excellent solvent resistance
- Super-quick stick and high adhesion from a thin tape

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance

3M™ Automotive Attachment Tapes

3M™ Automotive Attachment Tapes include a portfolio of high performance, pressure-sensitive and heat-activated double-coated tapes for the attachment of exterior components, such as body side moldings, emblems, appliques, weatherstrip seals, sensor brackets and claddings.

- Exceptional adhesion and stress relaxation properties
- Resistance to degradation from environmental conditions and plasticizers
- Outstanding initial adhesion, adhesion build and excellent long-term performance

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Paint Replacement Films

3M™ Paint Replacement Films

3M™ Paint Replacement Films are an extensive line of OEM-approved glossy and matte finish films used as substitutes for paint to fill in areas of the automotive body, including window extensions, frames and sashes, body and door pillars, dashboard components and metal or plastic lids.

- Elimination of paint processes and related steps
- Helps reduce production costs by supplying die-cut, pre-masked parts and simple dispensing tools
- Solution to fill areas of the body that would be too expensive or difficult to paint
- Effective design tool for brand differentiation and visual impact that meets OEM specifications

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Emission Control Materials

3M™ Interam™ Thermal and Emissions Products

3M™ Interam™ Thermal and Emissions Products include a full range of products that enable the design and production of efficient pollution control systems that help reduce vehicle emissions for both gasoline and diesel engines.

- Mat mount and thermal insulation solutions
- Temperature range from ambient to 1100°C

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Roof Ditch

3M™ Scotch-Weld™ Urethane Adhesive DP605NS

3M™ Scotch-Weld™ Urethane Adhesive DP605NS is a semi-rigid, non-sag, two-part urethane.

- Quick set time
- Provides a great bond to all paint systems and the exposed adhesive of the tape and molding
- Liquid adhesive and taped molding can be applied at same time as this product does not need to be cured for tape to bond

3M™ Structural Bonding Tape

3M™ Structural Bonding Tape is used to permanently adhere retention clips used in the application of roof ditch moldings.

- Applied as a pressure-sensitive tape then heat cured to develop semi-structural strength
- Eliminates holes and welds, water leaks and ergonomic problems associated with t-studs and upturned flanges

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Side Mirror Attachment

3M™ VHB™ Adhesive Transfer Tape F9460PC

3M™ VHB™ Adhesive Transfer Tape F9460PC utilizes High Performance Acrylic Adhesive 100MP and is designed for harsh environments in automotive and exterior applications. It forms a strong bond to metals and high surface energy plastics, while offering high temperature performance for heated side mirror attachment applications.

- Up to 500°F short-term heat resistance and outstanding solvent resistance
- Higher peel strength than most other acrylic formulations
- Exceptional shear strength even at elevated temperatures

3M™ Double Coated Tape 9087

3M™ Double Coated Tape 9087 utilizes the 375 Adhesive Family which provides a high level of adhesive peel and shear performance to various substrates. With a 1.5 mil PVC carrier and 10.2 mils total tape thickness, 9087 is ideal for non-heated side mirror attachment applications.

- Up to 185°F short-term heat resistance
- Good adhesion to both high and low surface energy substrates
- Excellent initial tack and UV resistance

3M™ Double Coated Polyethylene Foam Tape 4492

3M™ Double Coated Polyethylene Foam Tape 4492 is a polyethylene, conformable, double-coated, closed-cell foam tape.

- Quick stick
- Conformable
- Bonds to irregular surfaces

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Passcode Entry Keypad

3M™ Scotch-Weld™ Urethane Adhesive DP604NS

3M™ Scotch-Weld™ Urethane Adhesive DP604NS is a black, non-sag, two-component polyurethane.

- Fast cure
- 4-minute work life
- Low temperature flexibility

3M™ High Performance Acrylic Adhesive 200MP

3M™ High Performance Acrylic Adhesive 200MP is a popular choice and industry standard for graphic attachment and general industrial joining applications. It provides outstanding adhesion to metal and high surface energy plastics. This adhesive provides some initial repositionability for placement accuracy when bonding to plastics. It also performs well after exposure to humidity and hot/cold cycles.

- Up to 400°F short-term heat resistance
- Excellent solvent resistance
- Excellent shear strength to resist slippage and edge lifting

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Tail Light Assembly and Protection

3M™ Protective UV Tape 31U23C/UV

3M™ Protective UV Tape 31U23C/UV offers temporary protection from damage due to scratching, marring and chipping during production, assembly, packaging, shipping and installation. The tapes are easy to remove and have better outdoor resistance for up to five months.

3M™ High Performance Acrylic Adhesive 100MP

3M™ High Performance Acrylic Adhesive 100MP is designed for harsh environments in automotive and outdoor applications. It forms a strong bond to metals and high surface energy plastics. This adhesive meets the solvent-free industry standard for graphic attachment and die-cut parts.

- Excellent long-term holding power with higher adhesion strength than typical PSAs
- Transparent and ideal for use in replacing rivets, spot welds, liquid adhesives and other permanent fasteners
- Evaluate F9469PC for flexible printed circuit assembly

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3M™ Dual Lock™ Reclosable Fasteners

3M™ Dual Lock™ Reclosable Fasteners are positive-locking, blind fasteners featuring mushroom-shaped polyolefin stems that snap together, forming a secure closure while allowing serviceability.

- Can be opened and re-closed hundreds of times
- Available in a variety of product configurations and stem densities that can be mixed-and-matched to specific applications

3M™ Thinsulate™ Acoustic Insulation

3M™ Thinsulate™ Acoustic Insulation is engineered to reduce noise and mass through high performance acoustic absorption.

- Conformable and compressible
- Compatible with a variety of attachment methods
- Resists fluids and moisture with hydrophobic fiber construction

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Trunk Lining

3M™ Squeak Reduction Tapes 9324, 9325

3M™ Squeak Reduction Tapes 9324 and 9325 are used in the automotive industry to help control squeaks and rattles due to vibration or wear of metal and plastic materials. Provides excellent abrasion resistance.

3M™ Sprayable Hot Melt Adhesive 6111HT

3M™ Sprayable Hot Melt Adhesive 6111HT is a sprayable, high temperature resistant adhesive.

- Sprayable thermoplastic adhesive with extended open time and very fast set time; bonds large surfaces
- 100% solids, no VOCs, no overspray; environmentally friendly, no spray booth or personal protective equipment required
- Robust formulation offers a high performance bond to a wide variety of substrates; utilize adhesive for many demanding applications, including LSE materials and those that require higher heat resistance

3M™ Fast Tack Water Based Adhesive 1000NF

3M™ Fast Tack Water Based Adhesive 1000NF is a one-part, water-based acrylic adhesive.

- One-part immediate handling strength
- Low overspray and high coverage
- Bonds a wide variety of substrates with high temperature resistance
- Foam bonding, fabric bonding, adhering, gluing, sticking, laminating

3M™ Fastbond™ Contact Adhesive 2000NF

3M™ Fastbond™ Contact Adhesive 2000NF is a water-dispersed, high solids, activated adhesive.

- Water dispersed, activated adhesive
- Immediate bonding and handling strength without forced drying

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Trunk Lining (Continued)

3M™ Low Surface Energy Acrylic Adhesive 300LSE

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances
- Evaluate 9472LE and 93015LE for your specific application

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Use to bond interior anti-squeak fabric and foam

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Performance Label

3M™ High Performance Tackified Acrylic Adhesive P1400

3M™ High Performance Tackified Acrylic Adhesive P1400 is a low cost, general-purpose thermal transfer label material. It is formulated for use in demanding environments and provides adhesion to a wide range of substrates, including smooth LSE plastics.

- Up to 300°F short-term heat resistance
- Excellent UV and moisture resistance
- UL recognized for indoor/outdoor applications

3M™ Thermal Transfer Label Materials 7871

3M™ Thermal Transfer Label Materials 7871 is considered to be the Industry Standard - The Label Stock by which all others are judged. Unique combination of cohesion and adhesion offering the ultimate in label performance.

- 2.0 mil, gloss white, polyester facestock with 1.8 mil acrylic adhesive 350 on a 55 lb densified kraft liner
- Excellent adhesion to LSE plastics and textured powder-coated painted surfaces; automotive underhood chemical resistance

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

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Spoiler

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Automotive Attachment Tapes

3M™ Automotive Attachment Tapes include a portfolio of double-coated foam tapes engineered for the attachment of automotive exterior trim parts.

- Easy to apply
- Reduces noise, vibration and scratching
- Minimizes part-to-sheet metal mismatch
- Tapes bond to a wide variety of substrates and automotive paints—including low surface energy materials

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3M™ High Performance Acrylic Adhesive 100MP

3M™ High Performance Acrylic Adhesive 100MP is designed for harsh environments in automotive and outdoor applications. It forms a strong bond to metals and high surface energy plastics. This adhesive meets the solvent-free industry standard for graphic attachment and die-cut parts.

- Excellent long-term holding power with higher adhesion strength than typical PSAs
- Transparent and ideal for use in replacing rivets, spot welds, liquid adhesives and other permanent fasteners
- Evaluate F9469PC for your specific application

Antenna

3M™ Quick Bonding Adhesive 360

3M™ Quick Bonding Adhesive 360 provides high bond strength to most surfaces and excellent adhesion to difficult-to-bond-to surfaces such as HDPE, LDPE and PP.

- Up to 350°F short-term heat resistance
- Excellent solvent resistance
- Super-quick stick and high adhesion from a thin tape

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance

3M™ Automotive Attachment Tapes

3M™ Automotive Attachment Tapes include a portfolio of double-coated foam tapes engineered for the attachment of automotive exterior trim parts.

- Tapes bond to a wide variety of substrates and automotive paints—including low surface energy materials
- Easy to apply
- Die-cut parts form seal around perimeter of antenna base

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3M™ Structural Bonding Tape

3M™ Structural Bonding Tape is a permanent solution for attaching rear view mirrors to glass.

- Applied as a pressure-sensitive tape then heat cured to develop semi-structural strength
- Compatible with manual or automated manufacturing process and commercially available autoclave process

3M™ Industrial Polyethylene Temporary Surface Protection Tape 21804C

3M™ Industrial Polyethylene Temporary Surface Protection Tape 21804C is a clear, 2 mil industrial polyethylene tape with a very low-tack adhesive system.

- Provides temporary protection of many highly polished surfaces
- Up to three days UV exposure requiring good clarity, low elongation, and good abrasion resistance

Rear View Mirror Attachment, Assembly and Harness

3M™ Low Surface Energy Acrylic Adhesive 300LSE

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances

3M™ Scotch-Weld™ Urethane Adhesive DP604NS

3M™ Scotch-Weld™ Urethane Adhesive DP604NS is a flexible adhesive used for bonding dissimilar substrates, such as plastic, rubber and metal.

- 4-minute work life
- Cures in four hours

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Scotch-Weld™ Epoxy Adhesive DP8810NS

3M™ Scotch-Weld™ Epoxy Adhesive DP8810NS is a green, non-sag, toughened, two-part acrylic adhesive. 10:1 mix ratio, 10-minute work life and handling strength in approximately 18 minutes.

- 10-minute work life
- Low odor
- Fast rate of strength buildup

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3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

Nameplate/Emblem

3M™ Adhesive Transfer Tape 467MP

3M™ Adhesive Transfer Tape 467MP is a 200MP high performance acrylic adhesive on 4.2 mil 58lb polycoated kraft liner. A popular choice and industry standard for graphic attachment and general industrial joining applications. It provides outstanding adhesion to metal and high surface every plastics. This adhesive provides some initial repositonability for placement accuracy when bonding to plastics. It also performs well after exposure to humidity and hot/cold cycles.

- Up to 400°F short-term heat resistance
- Excellent solvent resistance
- Excellent shear strength to resist slippage and edge lifting

3M™ Adhesive Transfer Tape 9626

3M™ Adhesive Transfer Tape 9626 with 3M™ Quick Bonding Adhesive 360 provides high bond strength to most surfaces, including many low surface energy plastics such as polypropylene.

- Excellent adhesion to difficult-to-bond-to-surfaces such as HDPE, LDPE, and PP
- Super quick stick
- Higher adhesion from a thinner tape

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3M™ Scotch-Weld™ Epoxy Adhesive DP420

3M™ Scotch-Weld™ Epoxy Adhesive DP420 is a toughened, two-part epoxy adhesive.

- 2:1 mix ratio, 20-minute work life and handling strength in two hours
- Exhibits good shear and peel strengths along with good impact and durability
- Bonds extremely well to many surfaces, such as metals and some plastics

Integrated Garage Door Opener

3M™ Low Surface Energy Acrylic Adhesive 300LSE

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances
- Evaluate 93015LE and 9472LE for your specific application needs

3M™ Hot Melt Adhesive 3731

3M™ Hot Melt Adhesive 3731 bonds a variety of substrates including polyethylene, polypropylene and many other plastics typically used in the transportation and other industries that require materials with high heat resistance and good peel strength.

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with a high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Scotch-Weld™ Urethane Adhesive DP604NS

3M™ Scotch-Weld™ Urethane Adhesive DP604NS is a flexible adhesive used for bonding dissimilar substrates, such as plastic, rubber and metal.

- 4-minute work life
- Cures in four hours

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3M™ Polyethylene Protective Tape 31804B

A clear, 3 mil industrial polyethylene tape with a very low-tack adhesive system.

- Provides temporary protection of many highly polished surfaces
- Up to three days UV exposure requiring good clarity, low elongation, and good abrasion resistance
- Surface protection during shearing, punching, cutting, shipping, manufacturing, die cutting, and processing

3M™ Adhesive Transfer Tape 9774WL

3M™ Adhesive Transfer Tape 9774WL is a 4.0 mil, 300MP acrylic adhesive tape on a 7.0 mil, white 96lb polycoated kraft paper liner.

- Bonds most plastics and foams well
- Excellent bond to various fabricated foams and fabrics

Instrument Panel

3M™ Adhesive Transfer Tape 468MP

3M™ Adhesive Transfer Tape 468MP; is a 200MP high performance acrylic adhesive with 4.2 mil, 58lb polycoated kraft liner.

- Easy to die cut, process and apply
- Excellent moisture, solvent, high-temperature, UV resistance
- High shear strength

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010NS

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010NS is a non-sag, two-part acrylic adhesive.

- 10:1 mix ratio, 10-minute work life and handling strength in two hours
- Bonds many low surface energy (LSE) plastics, including many grades of polypropylene, polyethylene and thermoplastic elastomers (TPEs) without special surface preparation

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Scotch-Weld™ Epoxy Adhesive DP420

3M™ Scotch-Weld™ Epoxy Adhesive DP420 is a toughened, two-part epoxy adhesive.

- 2:1 mix ratio, 20-minute work life and handling strength in two hours
- Exhibits good shear and peel strengths along with good impact and durability
- Bonds extremely well to many surfaces, such as metals and some plastics

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



3M™ PTFE™ Extruded Tape 5490

3M™ PTFE™ Extruded Tape 5490 uses an extrudable polytetrafluoroethylene film backing, which has an extremely low coefficient of friction, in combination with a pressure-sensitive silicone adhesive to create non-stick surfaces over a variety of substrates.

- Non-stick PTFE film provides an exceptionally smooth surface when applied
- High strength and abrasion resistance ensures reliability and performance to reduce friction and rattle

3M™ Bumpon™ Protective Products

3M™ Bumpon™ Protective Products reduce noise and vibration and put an end to scratches. They cushion, provide spacing, stability and skid-resistance. All with pre-applied, pressure-sensitive adhesives that eliminate the need for screws, rivets or application equipment.

Buzz, Squeak & Rattle Applications

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Evaluate 9774WL, 6035PC, 9832HL for your specific application needs

3M™ Conformable Sound Management Film Tape 9343

3M™ Conformable Sound Management Film Tape 9343 contains a unique, non-woven, micro-fiber backing that provides an unusual combination of performance attributes, including conformability, elasticity, compressibility and durability. Excellent for noise reduction in automotive interior areas, such as instrument panels and trim pieces, by isolating offending substrates.

3M™ Squeak Reduction Tapes 9324, 9325

3M™ Squeak Reduction Tapes 9324 and 9325 are used in the automotive industry to help control squeaks and rattles due to vibration or wear of metal and plastic materials. Provides excellent abrasion resistance.

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards



Automatic Seat Controls

3M™ Adhesive Transfer Tape 9472LE

3M™ Adhesive Transfer Tape 9472LE is a 5.0 mil 300LSE acrylic adhesive on a 4.2 mil, 58lb polycoated kraft paper liner.

- Thick adhesive ensures positive bonding to textured LSE plastics, powder coatings and oily metals
- Good chemical and moisture resistance

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010NS

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010NS is a non-sag, two-part acrylic adhesive.

- 10:1 mix ratio, 10-minute work life and handling strength in two hours
- Bonds many low surface energy (LSE) plastics, including many grades of polypropylene, polyethylene and thermoplastic elastomers (TPEs) without special surface preparation

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ Polyurethane Reactive PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Scotch-Weld™ Epoxy Adhesive DP420

3M™ Scotch-Weld™ Epoxy Adhesive DP420 is a toughened, two-part epoxy adhesive.

- 2:1 mix ratio, 20-minute work life and handling strength in two hours
- Exhibits good shear and peel strengths along with good impact and durability
- Bonds extremely well to many surfaces, such as metals and some plastics

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



Seat Heater

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

3M™ Scrim Reinforced Transfer Tape 97053

High flexibility and conformability for secure seals and effective sound damping without crumbling or embrittlement.

- Bonds well to the felt heat element and the foam surface
- Choice of medium or high density
- Performance up to 250°F
- Clean, easy die cutting and slitting

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK

**3M™ Aluminum Foil Tape 425**

3M™ Aluminum Foil Tape 425 has a dead-soft aluminum foil backing, excellent heat and light reflection to protect against high temperatures and UV degradation. The foil also serves as an excellent barrier against moisture, dust, flame and certain chemicals. Acrylic adhesive supplies superior temperature, UV and solvent resistance. It provides excellent age life and is ideal for harsh, long-term outdoor environments.

Interior Lighting**3M™ Low Surface Energy Acrylic Adhesive 300LSE**

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances
- Evaluate 93015LE and 9472LE for your specific application needs

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Hot Melt Adhesive 3731

3M™ Hot Melt Adhesive 3731 bonds a variety of substrates including polyethylene, polypropylene and many other plastics typically used in the transportation and other industries that require materials with high heat resistance and good peel strength.

3M™ Scotch-Weld™ Urethane Adhesive DP604NS

3M™ Scotch-Weld™ Urethane Adhesive DP604NS is a flexible adhesive used for bonding dissimilar substrates, such as wood, plastic, rubber and metal.

- 4-minute work life
- Cures in four hours



Decorative Stitching Protection

3M™ Single Coat Tape 470

3M™ Single Coat Tape 470 is applied to the underside of stitching to prevent foam bleed-through.

- Non-corrosive, flexible, abrasion resistant, conformable, wear resistant, clean removal, easy to apply, versatile, moisture resistant

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



Passenger Airbag Deployment Protection

3M™ Adhesive Transfer Tape 9472LE

3M™ Adhesive Transfer Tape 9472LE is a 5 mil, 300LSE low surface energy acrylic adhesive.

- Thick adhesive ensures positive bonding to textured LSE plastics
- Good chemical and moisture resistance

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363L

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363L is an aluminum foil backed tape combined with a glass cloth and pressure-sensitive silicone adhesive which creates a highly durable and efficient tape.

- High temperature aluminum foil reinforced with glass cloth tape, high tensile strength, puncture resistant, tear resistant, silicone adhesive
- 3.4 mil backing thickness
- Adheres to silicone surfaces; -65°F to 600°F temperature range for wrapping, insulating, protecting wires, cables, temperature sensitive materials
- Resists flame, moisture, weather, chemicals and UV degradation
- Conformable, light and heat reflective and thermally conductive for heating/cooling efficiency

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



3M™ High Performance Acrylic Adhesive 200MP

3M™ High Performance Acrylic Adhesive 200MP is a popular choice and industry standard for graphic attachment and general industrial joining applications. It provides outstanding adhesion to metal and high surface energy plastics. This adhesive provides some initial repositionability for placement accuracy when bonding to plastics. It also performs well after exposure to humidity and hot/cold cycles.

- Up to 400°F short-term heat resistance
- Excellent solvent resistance
- Excellent shear strength to resist slippage and edge lifting
- Evaluate 468MP for your application needs

Pillar Fabric Attachment

3M™ Sprayable Hot Melt Adhesive 6111HT

3M™ Sprayable Hot Melt Adhesive 6111HT is a sprayable, high temperature resistant adhesive.

- Sprayable thermoplastic adhesive with extended open time and very fast set time; bonds large surfaces
- 100% solids, no VOCs, no overspray; environmentally friendly, no spray booth or personal protective equipment required
- Robust formulation offers a high performance bond to a wide variety of substrates; utilize adhesive for many demanding applications, including LSE materials and those that require higher heat resistance

3M™ High Performance Industrial Plastic Adhesive 4693

3M™ High Performance Industrial Plastic Adhesive 4693 is a solvent-based, synthetic rubber adhesive with high immediate bond strength, long-tack range and contact bond properties.

- Product performs well in bonding trim to polypropylene

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Evaluate low fogging 6035PC and 9774WL for your specific application needs

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



Sound Absorbing Material

3M™ Thinsulate™ Acoustic Insulation

3M™ Thinsulate™ Acoustic Insulation is a lightweight, non-woven material used as an acoustic absorber in automotive sound insulation and noise management applications.

- Compressible, conformable and cavity-filling
- High performance with low density makes this ideal for mass reduction applications

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

3M™ Scrim Reinforced Transfer Tape 97053

High flexibility and conformability for secure seals and effective sound damping without crumbling or embrittlement.

- Bonds well to foam substrates
- Choice of medium or high density
- Performance up to 250°F
- Clean, easy die cutting and slitting

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



3M™ Thinsulate™ Acoustic Insulation

3M™ Thinsulate™ Acoustic Insulation is engineered to reduce noise and mass through high performance acoustic absorption.

- Conformable and compressible
- Compatible with a variety of attachment methods
- Resists fluids and moisture with hydrophobic fiber construction

3M™ Scotch-Weld™ PR100

3M™ Scotch-Weld™ PR100 is a medium-viscosity (100 cPs), Ethyl Cyanoacrylate-based adhesive. PR100 is formulated for high speed, high strength bonding of plastics and rubbers but is also suitable for bonding a very wide range of materials.

- Recommended for use on assemblies with close fitting parts and relatively smooth, even surfaces

[CONTINUED](#)

Door Trim

3M™ Low Surface Energy Acrylic Adhesive 300LSE

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances

3M™ Hot Melt Adhesive 3731

3M™ Hot Melt Adhesive 3731 bonds a variety of substrates including polyethylene, polypropylene and many other plastics typically used in the transportation and other industries that require materials with high heat resistance and good peel strength.

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



Door Trim (continued)

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Evaluate 9774WL, 6035PC, 9832HL for your specific application needs

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Protective Polyethylene Tape 24S56W

3M™ Polyethylene Tape 483 is used in general sealing of containers, electroplating and PC board masking, silicone chip holding, decorating, safety marking and color coding.

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



Window Shade

3M™ Double Coated Tape 9599

3M™ Low VOC Double Coated Tape 9599 has a non-woven tissue carrier with acrylic adhesive on both sides. It provides high adhesion to a wide variety of materials and is suitable for automobile interior applications.

3M™ Adhesive Transfer Tape 6035PC

3M™ Adhesive Transfer Tape 6035PC is 300MP high strength pressure-sensitive adhesive that resists fogging for automotive interior fabric joining applications.

- Low fogging adhesive with good UV resistance
- Up to 250°F short-term heat resistance
- Good cold weather performance

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK

**3M™ Hot Melt Adhesive 3748**

3M™ Hot Melt Adhesive 3748 is a general-purpose adhesive with good thermal and electrical properties.

- Good thermal-shock resistance
- Bonds to polyolefins
- 100 percent solids

3M™ High Temperature Aluminum Foil Tape 438

3M™ Heavy Duty Aluminum Foil Tape 438 has a dead-soft aluminum foil backing, excellent heat and light reflection to protect against high temperatures and UV degradation.

- Resists flame, moisture, weather, chemicals and UV degradation
- Conformable, light and heat reflective and thermally conductive for heating/cooling efficiency

[CONTINUED](#)**Headliner Assembly and Attachment****3M™ High Tack Acrylic Adhesive 300MP**

Difficult to bond to and heavy component bonding

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Evaluate 9774WL, 6035PC, 9832HL for your specific application needs

3M™ Sprayable Hot Melt Adhesive 6111HT

3M™ Sprayable Hot Melt Adhesive 6111HT is a sprayable, high temperature resistant adhesive.

- Sprayable thermoplastic adhesive with extended open time and very fast set time; bonds large surfaces
- 100% solids, no VOCs, no overspray; environmentally friendly, no spray booth or personal protective equipment required
- Robust formulation offers a high performance bond to a wide variety of substrates; utilize adhesive for many demanding applications, including LSE materials and those that require higher heat resistance

3M™ Co-Extruded Multi-Polymer Protective Tapes 2E97C, 2E98C

3M™ Co-Extruded Multi-Polymer Protective Tapes 2E97C and 2E98C are 2 mil carpet tapes with high adhesion and co-extruded multi-polymer backing.

- Provides temporary protection of many carpets, fabrics and heavily textured surfaces
- 2E98C has slightly higher adhesion

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK

**3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030**

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

Headliner Assembly and Attachment (continued)**3M™ Dual Lock™ Reclosable Fasteners**

3M™ Dual Lock™ Reclosable Fasteners are positive-locking, blind fasteners featuring mushroom-shaped polyolefin stems that snap together, forming a secure closure while allowing serviceability.

- Can be opened and re-closed hundreds of times
- Available in a variety of product configurations and stem densities that can be mixed-and-matched to specific applications
- Excellent solution for headliner or sunroof trim ring attachment

3M™ Wire Harness Tape

3M™ Wire Harness tape is an acrylic foam tape designed to bond to rough or highly irregular surfaces.

- Excellent initial adhesion, heat resistance and durability
- Reduced staining potential of bonded surfaces due to high molecular weight acrylic material

3M™ Aluminum Foil Headliner Tape 12150

3M™ Aluminum Foil Headliner Tape 12150 is an 8.0 mil (0.20 mm) tape offering a dead-soft aluminum foil backing combined with a high tack acrylic pressure sensitive adhesive on a polycoated kraft paper liner.

- Ideal for attaching the wiring harness to the automobile headliner, heat shielding, moisture barrier and thermal conducting

3M™ Non-Woven Harness Attachment Tape 12152

3M™ Non-Woven Harness Attachment Tape 12152 is ideal for attaching the wiring harness to the automobile headliner due to its ability to conform and hold tight to textured surfaces. Helps with installation speed due to its quick stick feature.

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



3M™ Hot Melt Adhesive 3731

3M™ Hot Melt Adhesive 3731 bonds a variety of substrates including polyethylene, polypropylene and many other plastics typically used in the transportation and other industries that require materials with high heat resistance and good peel strength.

3M™ Sprayable Hot Melt Adhesive 6111HT

3M™ Sprayable Hot Melt Adhesive 6111HT is a sprayable, high temperature resistant adhesive.

- Sprayable thermoplastic adhesive with extended open time and very fast set time; bonds large surfaces
- 100% solids, no VOCs, no overspray; environmentally friendly, no spray booth or personal protective equipment required
- Robust formulation offers a high performance bond to a wide variety of substrates; utilize adhesive for many demanding applications, including LSE materials and those that require higher heat resistance

Doorbolster

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Evaluate 9774WL, low fogging 6035PC and 9832HL for your specific application needs

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for laminating and plastic assembly.

3M™ Fastbond™ Contact Adhesive 2000NF

3M™ Fastbond™ Contact Adhesive 2000NF is a water-dispersed, high solids, activated adhesive.

- Water-dispersed, activated adhesive
- Immediate bonding and handling strength without forced drying

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK

**3M™ Fast Tack Water Based Adhesive 1000NF**

3M™ Fast Tack Water Based Adhesive 1000NF is a one-part, water-based acrylic adhesive.

- One-part immediate handling strength
- Low overspray and high coverage
- Bonds a wide variety of substrates with high temperature resistance
- Foam bonding, fabric bonding, adhering, gluing, sticking, laminating

3M™ Fastbond™ Contact Adhesive 2000NF

3M™ Fastbond™ Contact Adhesive 2000NF is a water-dispersed, high solids, activated adhesive.

- Water-dispersed, activated adhesive
- Immediate bonding and handling strength without forced drying

Carpet Bonding & Protection**3M™ High Tack Acrylic Adhesive 300MP**

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance

3M™ Co-Extruded Multi-Polymer Protective Tapes 2E97C, 2E98C

3M™ Co-Extruded Multi-Polymer Protective Tapes 2E97C and 2E98C are 2 mil carpet tapes with high adhesion and co-extruded multi-polymer backing.

- Provides temporary protection of many carpets, fabrics and heavily textured surfaces
- 2E98C has slightly higher adhesion

3M™ Sprayable Hot Melt Adhesive 6111HT

3M™ Sprayable Hot Melt Adhesive 6111HT is a sprayable, high temperature resistant adhesive.

- Sprayable thermoplastic adhesive with extended open time and very fast set time; bonds large surfaces
- 100% solids, no VOCs, no overspray; environmentally friendly, no spray booth or personal protective equipment required
- Robust formulation offers a high performance bond to a wide variety of substrates; utilize adhesive for many demanding applications, including LSE materials and those that require higher heat resistance

EXTERIOR FRONT

EXTERIOR BACK

INTERIOR FRONT

INTERIOR BACK



3M™ Polyethylene Protective Tape 3179C

3M™ Polyethylene Protective Tape 3179C is a 3 mil, very high tack protective tape with a polyethylene backing.

- Provides temporary protection of many heavily textured, flat-gloss surfaces
- Non-UV applications requiring good clarity, low elongation and good abrasion resistance

3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

Storage Compartments

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance

3M™ Low Surface Energy Acrylic Adhesive 300LSE

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010NS

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010NS is a non-sag, two-part acrylic adhesive.

- 10:1 mix ratio, 10-minute work life and handling strength in two hours
- Bonds many low surface energy (LSE) plastics, including many grades of polypropylene, polyethylene and thermoplastic elastomers (TPEs) without special surface preparation

3M™ Aluminum Foil Tape 425

3M™ Aluminum Foil Tape 425 features a dead-soft aluminum foil backing for excellent heat and light reflection to protect against high temperatures and UV degradation. The foil also serves as an excellent barrier against moisture, dust, flame and certain chemicals used in aircraft paint stripping masking.

- Acrylic adhesive supplies superior temperature, UV and solvent resistance
- Provides excellent age life and is ideal for harsh, long-term outdoor environments

EXTERIOR FRONT

EXTERIOR BACK

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3M™ Low VOC Tapes with Acrylic Adhesive 98010LVC and 99015LVC

These tapes perform well on many commonly used foams and LSE substrates in automotive interior. 98010LVC is a 3.9 mil (0.10mm) scrim-reinforced transfer tape that provides good dimensional stability during large-area foam lamination and 99015LVC is a 5.9 mil (0.15mm) double-coated tape with tissue carrier for ease of handling during lamination and die cutting.

- Interior bonding, trim and attachment applications for foam and LSE materials
- Low VOC acrylic adhesive designed to meet JAMA and VDA278 standards

Seat Assembly

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010

3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010 bonds many low surface energy plastics, including many grades of polypropylene, polyethylene and thermoplastic elastomers (TPE's) without special surface preparation.

- 10-minute work life
- Structurally bonds polyolefins without surface preparation
- Medium viscosity

3M™ Vent Tape 394

3M™ Venting Tape 394 features a unique, non-woven porous backing that has high air/gas permeability, good burst strength and solids barrier for minimal voids and less cleanup. We manufacture this tape to meet most typical outgassing requirements for foam-in-place insulation processes in appliance and other industries, and we also incorporate a fungicide for use in areas of high humidity.

3M™ Fastbond™ Foam Adhesive 100NF

3M™ Fastbond™ Foam Adhesive 100NF is a water-dispersed neoprene contact adhesive.

- One part, fast setting
- Can be activated for immediate bonding

3M™ High Tack Acrylic Adhesive 300MP

3M™ High Tack Acrylic Adhesive 300MP is ideal for applications requiring high adhesion to a wide variety of materials, including many plastics and foams.

- Up to 250°F short-term heat resistance
- Solvent free
- Good cold weather performance
- Evaluate 9774WL, 6035PC and 9832HL for your application needs

EXTERIOR FRONT

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INTERIOR FRONT

INTERIOR BACK



3M™ High Performance Specialty Temporary Surface Protection Tape 2A829C

3M™ High Performance Specialty Temporary Surface Protection Tape is a clear, 2 mil, high performance protective tape with a high tack adhesive system.

- Provides temporary protection of many medium-textured or low gloss surfaces
- Up to three days UV exposure requiring high elongation and improved abrasion resistance compared to a traditional polyethylene film

Interior Trim

3M™ Low Surface Energy Acrylic Adhesive 300LSE

3M™ Low Surface Energy Acrylic Adhesive 300LSE provides high bond strength to most surfaces, including many low surface energy (LSE) plastics, powder-coated paints and lightly oiled metals.

- Up to 300°F short-term heat resistance
- Good chemical and humidity resistance
- Extremely smooth adhesive for excellent graphic appearances
- Evaluate 93015LE and 9472LE for your specific application needs

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030 is a polyurethane reactive adhesive with high performance (structure) strength. It is an extrudable adhesive with a fast set time. Used for plastic assembly.

3M™ Hot Melt Adhesive 3731

3M™ Hot Melt Adhesive 3731 bonds a variety of substrates including polyethylene, polypropylene and many other plastics typically used in the transportation industry that require materials with high heat resistance and good peel strength.

3M™ Polyethylene Protective Tape 3179C

3M™ Polyethylene Protective Tape 3179C is a 3 mil, very high tack protective tape with a polyethylene backing.

- Provides temporary protection of many heavily textured, flat-gloss surfaces
- Non-UV applications requiring good clarity, low elongation and good abrasion resistance

LET'S DESIGN THE FUTURE.

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