**Application Description**

3M™ Double Coated Tape 9690 is used to attach foam-backed vinyl die-cut part to the plastic storage compartment for sunglasses. This storage compartment is typically located next to the headliner in an automotive interior. This laminating adhesive uses 3M High-strength Adhesive 300MP.

**Key Application Requirements**

Ease of application, good adhesion to a variety of foams and plastics; must not come loose when exposed to vehicle interior conditions.

**Benefits/Advantages To Customer**

*Works well with many foams:* 3M Double Coated Tape 9690, which uses 3M High-performance Adhesive 300MP, adheres well to a variety of foam and sheet materials.

*Easy to use:* 3M pressure-sensitive adhesives are easy to apply on the assembly line, helping to save time and improve throughput. No masking and no overspray are encountered, which results in a neat appearance. (The polyester carrier of 9690 provides the part with dimensional stability for easier application control.)

*Converted parts:* Die-cut parts with 3M pressure-sensitive adhesive help make it easy to install in the sunglass storage compartment on the assembly line at the component manufacturer.

*Versatility of ‘cushion’:* Automotive customer can choose from a variety of foam densities and thicknesses to customize the look and feel of the die-cut part.

**ADHESIVE TECHNOLOGY**

3M™ High-strength Adhesive 300MP

**PRODUCT**

3M™ Double Coated Tape 9690

**REGION OF ORIGIN**

North America

**APPLICATION TYPE**

Attaching Foam Protective Liners

**SIC**

3711 – Motor Vehicles and Car Bodies
3714 – Motor Vehicle Parts and Accessories

3M Industrial Markets
Process

Foam-backed fabric is automatically laminated to the 3M™ Double Coated Tape 9690 in a lamination operation by a specialty converter. See Technical Service Bulletin titled Lamination Technique for Converters of Laminating Adhesives (70-0704-1430-8).

The laminated fabric is die-cut to specified shape and shipped to a Tier 1 headliner manufacturer. The liner is removed from the die-cut part, the part is inserted into the sunglass storage compartment and pressed into place inside the plastic housing. The plastic housing will be shipped to the automotive OEM for installation on the assembly line.

Related Products

- 3M™ Double Coated Tape 9820
- 3M™ Adhesive Transfer Tape 6032
- 3M™ Adhesive Transfer Tape 6035

Advantages

- PET carrier
- Transfer tape, conformable because there is no carrier
- Excellent adhesion to textured surfaces

Related Application Ideas

Cupholder liners in automobiles and light trucks.

Key Decision Makers

Design Engineers
Program Manager
Process Engineers
Quality Assurance Engineer

For Additional Information


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