

# Sharp, Streamlined Designs

## 3M™ Paint Replacement Film

- Replaces paint in areas of the automotive body that are expensive or difficult to paint
- Helps eliminate time and expense of paint processes and related steps
- Effective design tools for brand differentiation and visual impact
- Features strong final adhesion and high shear performance
- Help reduce production costs with die-cut, pre-masked parts and simple dispensing tools

## Featuring Comply™ Adhesive Technology

The air-bleedable feature of the adhesive layer has been designed for air bubble free application of the blackout film while still providing strong, reliable adhesion under extreme conditions of environmental stress such as climatic change and humidity cycling. A structured pattern in the adhesive creates microchannels which allow air to escape at the film edges. This feature reduces the chance of bubbling, allows for fast removal of any remaining bubbles without air release tools, and improves application time by reducing rework.

## Product Portfolio

3M™ Paint Replacement Film offers multiple benefits for automotive manufacturers. Our proven materials contribute to design effectiveness and reinforce the branding message while simplifying manufacturing. The films are available in textured, low gloss or high gloss finishes to match the design intent of the vehicle.

Product	Thickness/Base Film	Thickness/with adhesive	Adhesive	Gloss Level	Appearance
FRA0045JQ	4.2 mils (0.107 mm)	5.6 mils (0.142 mm)	High Shear	4	Textured
FRW0243JQ	4.2 mils (0.107 mm)	5.6 mils (0.142 mm)	High Peel	4	Textured
FUS1007Q	3.6 mils (0.091 mm)	5.0 mils (0.127 mm)	High Shear	30	Smooth
FPW2203J	3.4 mils (0.086 mm)	5.6 mils (0.142 mm)	High Peel	20	Smooth
FTA9055J	4.0 mils (0.102 mm)	6.2 mils (0.158 mm)	High Shear	90	Smooth
FTW9953J	4.0 mils (0.102 mm)	6.2 mils (0.158 mm)	High Peel	90	Smooth

## Typical Applications

- Pillars
- Sashes
- Full-door headers
- Beltline moldings
- Sash moldings
- Stationary window divider bars



## About 3M Paint Replacement Films

3M Paint Replacement Films are part of a global array of engineered solutions for automotive manufacturers, including project planning, training and documentation, prototype and pilot production assistance and ongoing, responsive manufacturing support. Like all 3M products for Automotive OEMs, these films help simplify manufacturing, streamline and sharpen design effectiveness and meet OEM specifications.

## Interested in Purchasing 3M Paint Replacement Films?

- 3M Paint Replacement Films are available direct from 3M or 3M-approved converters.
- Contact your 3M Automotive and Aerospace Solutions Division (AASD) account representative for roll sizes, minimum order quantities, prices, and terms and conditions of sale.
- If you do not have a 3M account representative, contact 3M AASD customer service at 800-328-1684.

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