



Paint Protection Film Installation Gel

38590 • 38591

Technical Data Sheet

October, 2014

| 3M Part No.(s) | 3M Part Descriptor(s) |
|----------------|---|
| 38590 | 1 gallon container, 4 containers per case |
| 38591 | 5 gallon container, 1 container per case |

Product Description 3M™ Paint Protection Film Installation Gel is formulated to ease the application process of Paint Protection Film (PPF) and ensure a quality application.

| Features, Advantages, Benefits | Features | Advantages | Benefits |
|--------------------------------|---|---|---|
| | 1. High viscosity | 1. Requires less reapplication of solution | 1. Clings well to both horizontal and vertical surfaces |
| | 2. Easy application to painted vehicle surfaces | 2. Solves the problem of premature drying with typical slip solutions | 2. Replaces the need for slip solutions |
| | 3. Allows PPF to “float” and be positioned on body panels | 3. Reduces risk of lift lines and air entrapment under PPF | 3. Does not stick to body panels prematurely |

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

| | |
|--|---------------------|
| Viscosity Range (Brookfield Viscometer, Spindle #5 @ 10 RPM, 22°C) | 4500 cP |
| pH | 6.5 |
| Weight/Gallon | 8.3 lb/gal (1 g/mL) |
| Color | Clear |
| Odor | Slight alcohol |

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Product Uses

Eases application of Paint Protection Film.

Directions for Use**Directions for Use:**

1. Apply gel to installation surface, making sure the **entire** surface is covered with gel.

Note: Gel can be applied directly to tacky side of PPF as well as installation surface.

2. Lay PPF on top of the gel and position into place. **The tacky side of the PPF should not be exposed to any area of the installation surface without gel.**
3. Once film is in place, wet the top surface of the film with gel to help the squeegee glide across the film during application.
4. Begin to squeegee the film, pushing the gel out from underneath the filmed area. Use 50% overlapping strokes with the squeegee to ensure that gel is evenly removed from installation area.
5. Use water to wash all remaining gel away from film and painted areas. **Do not allow gel to dry out.**
6. Check any seams where gel may have collected. Wash with water, if necessary.

Storage and Handling

Keep in a closed container. Avoid temperatures below 40°F (5°C) and temperatures above 95°F (35°C). Shelf life of two years at room temperature 72°F (22°C).

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Precautionary Information

Refer to Product Label and Safety Data Sheet for Health and Safety Information before using this product. See link below:

http://solutions.3m.com/wps/portal/3M/en_US/MSDS/Search/?gsaAction=msdsSRA&msdsLocate=en_US

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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For Additional Health and Safety Information



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