



Technical Data Sheet

Effective: 02/03/2020 Supersedes: new

Automotive Aftermarket Division

3M™ Self-Stick Liquid Protection Fabric

1) Part Numbers

36880	3M™ Self-Stick Liquid Protection Fabric, blue, 90 cm x 91.5 m
36879	3M™ Self-Stick Liquid Protection Fabric, blue, 70 cm x 91.5 m
36882	3M™ Self-Stick Liquid Protection Fabric, blue, 140 cm x 91.5 m
36878	3M™ Self-Stick Liquid Protection Fabric, blue, 35 cm x 91.5 m
36881	3M™ Self-Stick Liquid Protection Fabric, blue, 120 cm x 91.5 m
36876	3M™ Self-Stick Liquid Protection Fabric, blue, 10 cm x 91.5 m
36877	3M™ Self-Stick Liquid Protection Fabric, blue, 15 cm x 91.5 m

2) Description and end uses

3M™ Self-Stick Liquid Protection Fabric is ideal for a wide range of temporary surface protection in dirtiness industrial and general workshop settings. Its liquid-proof layer protects work surfaces from water, oils, solvents and more. Its nonwoven surface traps dirt, dust and debris and prevents them from spreading through the facility. This thin, lightweight adhesive-backed surface protection material features a tough polymer layer that prevents grease, grime, solvents and other liquids from seeping through and damaging the surfaces beneath.

3) Physical Properties

The following measured values have been determined with ambient air temperature and substrate temperature @ 25°C and are considered typical values

Color	Light Blue
Adhesion to Steel (N-m)	0,098
Tensile Strength (N/mm)	4,90
Elongation (%)	31



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4) Directions for Use

Wear appropriate personal protective equipment when working with 3M™ Self-Stick Liquid Protection Fabric. Refer to the relevant user manual.

1. Surface preparation:

- Sweep or vacuum surfaces to remove loose dirt and dust
- Surfaces must be thoroughly dry for proper adhesion
- Surfaces must be free of all chemical cleaners and/or residue
- Test the material in a small, inconspicuous area first to ensure adequate adhesion and clean removal without surface damage.

2. Application:

- Avoid stretching material during installation
- Avoid large overlaps (in excess of 3cm)
- Smooth material down with a spreader and/or a soft bristle push broom
- Cut to length with scissors or a razor blade from the non-adhesive side

3. Spill protection:

- To ensure safety, it is recommended to clean up spills that pool on the surface of the product after the spill occurs product can continue to be used after the spill has been cleaned

4. Removal

- Prior to application and/or removal users are instructed to provide mechanical ventilation to disperse or exhaust ignitable vapours in accordance with good industrial hygiene practice.
- Make sure all liquid combustible type products have been removed or have evaporated
- Manually pull up the product in the same direction that it was applied.
- Removing any loose debris if necessary.



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Note: In the event of adhesive transfer from the product follow these steps to aid in removal

Important: Prior to handling any chemical product, please refer to the product label, Safety Data Sheet (SDS) and product inserts for information on safe and proper handling.

- Wet the surface with a citrus-based cleaner or other adhesive type removers.
- Dry the surface using a squeegee and/or a clean towel.
- Once dry, the surface is ready to be covered and protected again

5. Change out recommendation:

- For most applications, the general guideline would be 2-4 weeks.
- To ensure clean and easy removal, the material change out schedule should be Based on the type of surface, amount of liquid, as well as the weight and frequency of the traffic going over the product.

6. Disposal

- Consult local guidelines for proper disposal.

5) Storage

- For best performance, use this product within 24 months from the date of manufacture.
- Store product in the original carton under normal conditions of 21°C and 50% relative humidity.
- Avoid storing material in temperatures above 29°C for long periods of time
- Keep material covered and clean
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6) Safety

WARNING:

3M™ Self-Stick Liquid Protection Fabric must not be used in any areas where explosive concentrations of ignitable materials could be present, as static discharge may occur. These include areas identified as ATEX Zones 0, 1, 2 and 20, 21, 22.

According to the ATEX directive 94/9 EC (Atmosphere Explosive) every shop owner in the EU has to fill in an “explosion protection document”. According to the outcome he has to take action and the classification of ATEX Zones in his shop.

Note: It is possible that the processes performed at the end user could change the surface burning characteristics of the product. As such, it is important that users perform routine maintenance to remove any potential hazards on a regular basis. 3M™ Self-Stick Liquid Protection Fabric should be replaced based on the change out schedule above or earlier to maintain a safe working environment.



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CAUTION:

To reduce the risks associated with tripping and falling: Ensure product edges are bonded firmly to flooring and/or walking surfaces.

3M™ Self-Stick Liquid Protection Fabric is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, 3M expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

For Additional Health and Safety Information

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