



Automotive Aftermarket Division

3M™ Advanced Masking Film

1) Part Numbers

7838R	3M™ Advanced Masking Film, 4 m x 150 m
8011R	3M™ Advanced Masking Film, 5 m x 120 m
8013R	3M™ Advanced Masking Film, 6 m x 80 m

2) Description and end uses

3M™ Advanced Masking Film is a clear masking film containing 30 % post-consumer recycled content, designed for all large-area masking needs in the refinish industry. Its excellent cling properties keep the film securely in place, enabling fast and precise protection of vehicle areas that do not require painting. The film also offers excellent cuttability and tear resistance.

3) Physical Properties

Property	Value & Measuring Unit	Method
Thickness	10.5 µm	ASTM E252
Tensile Strength (MD)	28 MPa	ASTM D882
Tensile Strength (CD)	21 MPa	ASTM D882
Elongation at break (MD)	150 %	ASTM D882
Elongation at break (CD)	300 %	ASTM D882
Impact Resistance (Dart)	70 g	ASTM D1709
Post-Consumer Recycled Content	30 %	
Temperature Resistance	105 °C	

4) Directions for Use

1. Ensure that the film is used the correct way around on the vehicle prior to paint application. Ensure that when positioning the film on the vehicle, the '3M' logo and the 'Paint this side' wording read correctly and are not reversed. Failure to do so may result in rework.
2. The vehicle should be completely dry before masking to help prevent any imprints or marks after the drying cycle. This masking film is designed exclusively for use on dry, moisture-free surfaces.



Technical Data Sheet

Effective: 1/10/2026 Supersedes: NEW

3. The temperature resistance of up to 105 °C allows the film to be used with all types of curing /drying methods, including conventional low bake and Infra-Red lamps and ovens.
4. Care must be taken not to scratch or damage the vehicle when cutting the film around the areas to be painted.

5) Storage

18-month shelf life when stored in a clean, dry location under normal conditions at 21 °C and 50 % relative humidity, in the original carton

6) Safety

3M™ Advanced Masking Film 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.



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For Additional Health and Safety Information

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