Technical Data Sheet

Effective: 29/10/2025 Supersedes: 04/01/2024

Automotive Aftermarket Division

3M™ High Performance Blue Masking Tape 3434

1) Part Numbers

07895 – 18 mm x 50 m
07897 – 24 mm x 50 m
07898 – 36 mm x 50 m
07899 – 48 mm x 50 m

2) Description and end uses

3M™ Tape 3434 is a light blue coloured smooth crepe paper masking tape that has been specially developed as a premium product for the Auto Refinish industry. It can be used for most of the auto repair market paint masking operations.
As a premium product the 3M™ Tape 3434 helps to provide outstanding painting results with all the common two component paint systems as well as with water-based paint systems. This product possesses a temperature resistance of 110 °C and as a consequence will meet all the requirements of every application in a body shop.

Sizes available:

Width (mm)	:	18, 24, 36, and 48.
Length (m)	:	50

Features	Advantages	Benefits
* Latex saturated heavy weight smooth creped paper backing	* Excellent solvent resistance * Good water resistance * Good conformability * Excellent edge tear resistance * Excellent sliver resistance * Easy hand tear * Smoothness	* Prevents paint bleed through * No need to re-mask after wetsanding * Performs well with water * Better curve masking * Prevents tearing in curves or on difficult surfaces * Easy one-piece removal * Better handling * Reduces finger abrasion * Good paint line
* Light blue color	* Good contrast	* Easy recognizable with masking paper
* Crosslinked rubber resin adhesive	* Excellent instant adhesion * Excellent holding power * Good adhesive transfer resistance * Controlled unwind	* Sticks easily * Resists lifting even in repeat bake cycles * Clean removal * Easy handling

3) Physical Properties

Thickness	:	0.180 mm	AFERA 4006
Adhesion to steel	:	10 N/25 mm	AFERA 4001
Tensile strength	:	115 N/25 mm	AFERA 4004
Elongation	:	10.5 %	AFERA 4005
Temperature performance	:	110 °C	

4) Directions for Use

1. Ensure that the area/substrates to be masked is clean and dry prior to the application of the tape.
2. Window rubbers and plastic mouldings should be cleaned using a silicon remover / mild solvent to ensure they are free from contamination to improve the tapes adhesion.
3. If the tape has been baked and left overnight allowing it to go cold and damp, we recommend the vehicle be warmed prior to the tape removal. Failure to do so may result in adhesive residue being left on the vehicle.

Satisfactory performance and clean removal of 3M™ Tape 3434 will be achieved at varying temperatures/time exposure on many substrates. Tests should be conducted to establish 3M™ Tape 3434 performance parameters in your process conditions.

5) Storage

Store in clean dry place. Temperature of 21 °C and 50 percent relative humidity are recommended.

6) Safety

3M™ Automotive Aftermarket Products are designed FOR PROFESSIONAL USE ONLY

Always use the product in the manner in which it is designed to be used.
When using solvents etc. for cleaning the surface prior to the SEMFT application, care must be taken to avoid contact with the skin and eyes. The correct PPE must be worn at all times.

When removing the masking tape after use from the vehicle it should be disposed of following local authority/ country guidelines.

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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