



Scotch® High Performance Masking Tape 3434

07895 • 07897 • 07898 • 07899

Technical Data

July 2023

3M Part Numbers	3M Part Descriptor
07895	¾ in. x 54.6 yds. (18 mm x 50 m), 48 rolls per case
07897	1 in. x 54.6 yds. (24 mm x 50 m), 36 rolls per case
07898	1 ½ in. x 54.6 yds. (36 mm x 50 m), 24 rolls per case
07899	2 in. x 54.6 yds. (48 mm x 50 m), 20 rolls per case

Product Description

Scotch® High Performance Masking Tape 3434 can be used for a wide variety of automotive refinishing applications, including those in hot and humid environments. Our high-performance crepe paper tape has good solvent and water resistance properties and can be used in environments up to 230°F (110°C). It conforms well, has excellent holding power and tear resistance. This tape has been specially designed to meet the most demanding of masking applications.

Features, Advantages, Benefits

Feature	Advantage	Benefit
Proprietary rubber-based adhesive sticks easily	<ul style="list-style-type: none">✓ One of the highest adhesion masking tapes with excellent holding power✓ Excellent performance in hot and humid environments✓ Very good solution for sticking to plastic and rubber	High performance tape designed to meet the most demanding of paint masking situations
High temperature resistance (110°C/230°F)	<ul style="list-style-type: none">✓ Excellent performance in challenging environments✓ Good transfer resistance and clean removal	Well-balanced construction for demanding applications
High-performance, blue-colored crepe paper	<ul style="list-style-type: none">✓ Balanced construction for consistent unwind and easy tear✓ Conforms well to irregular surfaces	Easy handling tape which can be used for most auto body paint masking
Good solvent and water resistance	<ul style="list-style-type: none">✓ Performs well with waterborne and solvent paint systems✓ Good clean removal	Easy handling tape meets the needs of a production paint shop

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Product Uses

Designed for use in the collision repair industry (cars, trucks, other specialty vehicles) for general paint masking.

Performance Properties

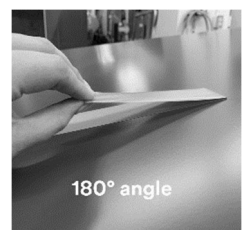
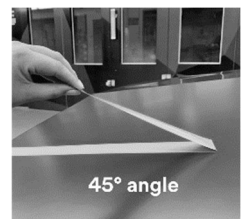
NOTE: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Adhesion to Steel	35.5 oz/in (10 N/25 mm) (ASTM D-3330)
Tensile Strength	25.4 lbs/in (115 N/25 mm) (ASTM D-3759)
Elongation at Break	10.5% (ASTM D-3759)
Temperature Use Range	Up to 230°F (110°C) for 30 mins
Tape Thickness	7 mils (0.19 mm) (ASTM D-3652)

Directions for Use

Tape is designed for indoor use – exposure to sun and heat may cause tape to become more difficult to remove.

- Make sure surfaces are thoroughly clean and dry before applying masking tape.
- Some surfaces, such as rubber gaskets and moldings, should be cleaned with a solvent to remove residual release agents from the manufacturing process before applying masking tape.
- For best adhesion, surface temperatures should range from 60°F to 90°F (15°C to 32°C) when tape is applied.
- For easier application and removal, apply long continuous strips of tape in flat, straight areas and break the tape as needed when going around contours or curves (such as wheel arches). The objective when back masking and over taping is to keep the tape lying flat and rolled back, away from the paint edge in order to produce the cleanest look.
- Tape removal:
 - For *general applications*, tape should be removed back over itself at a 45° angle.
 - For removal on *delicate surfaces* (such as old, weathered paint), tape should be removed as close to a 180° angle as possible.



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Applications

General masking applications, including use on masking machines.

Storage and Handling

Store product in the original carton under normal conditions of 70°F (21°C) and 50% relative humidity. When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 18 months.

Precautionary Information

Before using this product, please reference Product Label and/or Safety Data Sheet for Health and Safety Information. Note: Laws controlling the acceptable amounts of Volatile Organic Compounds (VOCs) vary by state, and in some cases by locality. For surface preparation and clean-up activities, consult federal, state and local regulations regarding use of products containing VOCs in your area.

Technical Information

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