

June, 2015

3M™ Premium High Temperature Masking Tape 2393

Product Description

3M™ Premium High Temperature Masking Tape 2393 is a smooth, heavy duty, mini-crepe, premium high temperature masking tape. It is specifically designed for those applications where easy removal after bake is important. This masking tape offers excellent paint mask performance with high solids paints and clear coats used in the transportation industry.



Product Features

- Can be certified to ASTM D-6123/D-6123M-97 upon request. (replaces obsolete PPP-T-42C, Type I, and (CID-A-A-883B).
- The adhesive offers excellent adhesion to and easy removability from both metal and plastic substrates.
- Excellent high temperature performance that holds firmly under heat strain yet removes cleanly.
- The smoothness of the backing makes this tape very “user friendly.”
- Rubber adhesive with instant adhesion that sticks easily and allows fast application.
- Excellent holding power that resists lifting or curling and helps reduce rework.
- Conformability and easy handling that reduces time involved.
- Special backsize treatment that controls unwind, and helps reduce waste.
- The balanced construction with a stronger backing gives this tape easy removal properties without slivering.
- Low unwind reduces workers’ fatigue.
- Tape may become difficult to remove if subjected to prolonged outdoor exposure

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Technical Information Note

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

Typical Physical Properties

Property	Values		Method
Color	Tan		
Total Tape Thickness	0.185 mm	7.6 mil	ASTM D3652
Backing	Smooth mini-crepe paper treated with a heat resistant saturant.		
Adhesive	Rubber		

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	3.6 N/cm	32 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	49 N/cm	448 oz/in	ASTM D3759	
Elongation at Break	11 %		ASTM D3759	
Temperature Use Range	30 minutes up to 163 °C	30 minutes up to 325 °F		

Available Sizes

Property	Values		Notes
Standard Roll Length	55 m	60 yd	Available in metric widths (eg, 24 mm corresponds to 1 inch).

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Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton. To obtain best performance, use within 18 months from date of manufacture.

Trademarks

3M is a trademark of 3M Company.

References

Safety Data Sheet (SDS)

https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=2393

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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