

August, 2009

3M™ Scotch® Specialty Performance Film Tape 8004

Product Description

Scotch® Specialty Performance Film Tape 8004 is designed for lifting and preserving physical evidence such as finger prints. This ultra clean tape is resistant to moisture and resists degradation due to sunlight exposure and extended storage, and it is dimensionally stable up to continuous 225°F (107°C). The adhesive resists oozing and has good adherence to most smooth surfaces with an easy unwind.

Product Features

- Easy to unwind.
- Long aging.
- Easy hand tear.
- Handles easily.
- Quick stick for lifting.
- Preserves important information.
- Optical clarity.
- Resist puckering, yellowing, and drying out.



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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
Total Tape Thickness	0.051 mm	2 mil	ASTM D3652
Backing Thickness	0.036 mm	1.4 mil	ASTM D3652
Backing	Polypropylene film		
Adhesive	Transparent pressure sensitive acrylic		

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	1.7 N/cm	16 oz/in	ASTM D3330	Stainless Steel
Longitudinal Tensile Strength	31.5 N/cm	18 lb/in	ASTM D3759	
Elongation at Break	90 %		ASTM D3759	

Available Sizes

Property	Values	
Standard Roll Length	9 m	10 yd

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Available Sizes (continued)

Property	Values	
Standard Width	25.4, 38.1, 50.8, 76.2, 101.6 mm	1, 1.5, 2, 3, 4 in
Core Size (ID)	25.4 mm	1 in

Storage and Shelf Life

Storage of tape at 70°F (21°C) and 40 to 50% relative humidity is recommended. To obtain best performance, use this product within 18 months from date of manufacture.

Trademarks

Scotch is a registered trademark of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-Fingerprint-Lifting-Tape-8004?N=5002385+3293241458&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8004

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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Information

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