



Technical Data Sheet

3M™ Scotch® Specialty Performance Film Tape 8004



[Product Details](#)



[Regulatory Info/SDS](#)

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.

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

| Attribute Name | Test Method | Value |
|----------------------|-------------|----------------------------------------|
| Adhesive Type | | Transparent pressure sensitive acrylic |
| Backing | | Polypropylene film |
| Backing Thickness | ASTM D3652 | 0.036 mm (1.4 mil) |
| Total Tape Thickness | ASTM D3652 | 0.051 mm (2 mil) |

Typical Performance Characteristics

| Attribute Name | Test Method | Temperature | Value |
|-------------------------------|-------------|---------------|----------------------------------|
| 180° Peel Adhesion | ASTM D3330 | 22 °C (72 °F) | 1.7 N/cm (16 oz/in) ¹ |
| Elongation at Break | ASTM D3759 | | 90 % |
| Longitudinal Tensile Strength | ASTM D3759 | | 31.5 N/cm (18 lb/in) |

¹ 12 in/min (300 mm/min)

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

| Attribute Name | Value |
|----------------------|-------------------------------------------------------|
| Core Size (ID) | 25.4 mm (1 in) |
| Standard Roll Length | 9 m (10 yd) |
| Standard Width | 25.4, 38.1, 50.8, 76.2, 101.6 mm (1, 1.5, 2, 3, 4 in) |

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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