

3M™ Surface Protective Tape 87630A

Product Description

3M™ Surface Protective Tape 87630A is a self-wetting and anti-static polyester tape with separate release liner used to protect glass, plastic and metal on electronic devices.

Key Features

- Super clear polyester tape with a low-tack adhesive system
- Helps protect glass, plastics and metals of electronic devices with low adhesion build-up and clean removal
- Tape transparency enables inspection of the surface condition of the substrate without removing the tape
- Tape is easily applied with a laminator

Product Construction/Material Description

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

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Property	Value
Backing	Clear PET Film
Adhesive	Acid-free acrylate adhesive
Liner	Clear PET
Color	Clear
Standard Roll Size	1170 mm x 200 m

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Applications

- Protection of glass, plastics and metals of electronic devices.

Application Technique

- Best results are attained when applied to a clean, dry surface at room temperature.

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes. Final product specifications and testing methods will be outlined in the products Certificate of Analysis (COA) that is provided once the product is approved by 3M for general commercialization and development work is completed.

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Property	Method ¹	Value
Adhesion on Glass (180°)	ASTM D3330	3.0 g/in. width
Tensile Strength at Break	ASTM D882	2,110 kg/cm ²
Elongation at Break	ASTM D882	150%
Total Tape Thickness	ASTM D3652	0.063 +/- 0.003mm (0.050mm +/- 0.13mm)
Liner Thickness	ASTM D3652	0.036 +/-0.002mm
Surface Resistance (Anti-static property)	D257	6 × 10 ¹⁰ Ω/□
Transparency	D1003	90.0 %
Haze	D1003	3.0 %

¹ Methods listed as ASTM are tested in accordance with the ASTM method noted

Storage and Shelf Life

The shelf life of 3M™ Surface Protective Film 87630A is 12 months from the date of manufacture when stored in the original packaging materials and stored at 21°C (70°F) and 50% relative humidity.

Certificate of Analysis (COA)

The 3M Certificate of Analysis (COA) for this product is established when the product is commercially available from 3M. The COA contains the 3M specifications and test methods for the products performance limits that the product will be supplied against. The 3M product is supplied to 3M COA test specifications and the COA test methods. Inquire with 3M for the COA for this product.

The TDS data contains preliminary data and is not the COA specification limits and/or test methods that may be used for COA purposes.

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Safety Data Sheet: Consult Safety Data Sheet before use.

Regulatory: For regulatory information about this product, contact your 3M representative.

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