



Technical Data Sheet

3M™ Surface Protective Tape 87630A



[Product Details](#)

Product Description

Protective film 87630A is a highly self-wetting and anti-static polyester tape with separate release liner to protect glass, plastic and metals of electronic devices.

Typical Physical Properties

Attribute Name	Test Method	Test Condition	Value
Color			Clear
Adhesive Type		Faceside	Acrylic ¹
Adhesive Carrier			Clear PET
Adhesive Thickness		Faceside	0.05 mm ¹
Backing			PET
Total Tape Thickness	ASTM D3652		0.063 mm (2.48 mil)
Liner			PET
Primary Liner Color			Clear
Liner Thickness			0.036 mm (1.4 mil)

¹ Faceside adhesive is on the interior of the roll, exposed when unwound and liner removed.

Test Method: ASTM D3652

Attribute Name	Value
Backing Thickness	0.051 mm (2 mil)
Carrier Thickness	0.051 mm (2 mil)

Typical Performance Characteristics

180° Peel Adhesion

Substrate: Glass

Temperature: 22 °C (72 °F)

Test Method: ASTM D3330

Dwell Time	Value
72 h	0.1 N/cm ¹
10 min	0.012 N/cm ¹

¹ 12 in/min (300 mm/min)

Handling/Application Information

Application Examples

Protection of Glass, plastics, metals of electronic devices. Gloss, painted metal signs and panels during processing and transportation.

Glass, plastics, metals of electronic devices.

Gloss, painted metal signs and panels during processing and transportation.

Storage and Shelf Life

If stored under proper conditions, these products retain their performance and properties for 12 months from date

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Select Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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3M
Industrial Adhesives and Tapes Division
3M Center, Building 225-35-06
St. Paul, MN 55144-1000
800-362-3550

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