

3M™ Surface Protective Tape 87630

Product Description

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

Features and Benefits

- The specialized acid-free acrylic adhesive provides a good stability of the base polymer with excellent self-wetting and anti-static properties.
- Super clear polyester tape with low-tack adhesive system.
- 3M™ Surface Protective Tape 87630 can help protect glass, plastics, 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

3M™ Surface Protective Tape 87630	
Color	Clear
Backing	Super clear PET
Adhesive	Acid-free acrylic adhesive
Liner	Clear PET

Applications

Protects electronic devices made of:

- Glass
- Plastics
- Metals



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.

3M™ Surface Protective Tape 87630		Test Method
Adhesion to Glass	3.0 +/- 1.0 g/in	ASTM D3330 (180° Peel)
Tensile Strength at Break	2,110 kg/cm ²	ASTM D 882
Elongation at Break	150%	ASTM D 882
PET Backing Thickness	0.050 +/- 0.002 mm	TM 2229
Adhesive Thickness	0.013 +/- 0.002 mm	TM 2229
Total Tape Thickness (Backing + Adhesive)	0.063 +/- 0.004 mm	TM 2229
Liner Thickness	0.023 mm	TM 2229
Transparency	> 91.5 %	TM 2233
Haze	< 0.5 %	TM 2233

Application Techniques

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

Environmental Performance

Humidity Resistance: High humidity has minimal effect on adhesive performance. No significant reduction in bond strength is observed after exposure for 7 days at 32°C and 90% relative humidity.

UV Resistance: When properly applied, nameplates and decorative trim parts are not adversely affected by exposure.

Chemical Resistance: When properly applied, nameplate and decorative trim parts will hold securely after exposure to numerous chemicals like oil, mild acids and alkalis.

Storage

Store in original cartons at 16 to 27°C and 40 to 60% relative humidity.

Shelf Life

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

Regulatory

For regulatory information about this product, visit 3M.com/electronics.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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Electronics Materials Solutions Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
1-800-251-8634 phone
651-778-4244 fax
www.3M.com/electronics

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