

# 3M™ Scotch® Cellophane Film Tape 610



Last Revision Date: November, 2018

[Download PDF](#)

[Ask a 3M expert](#)

## Product Description

---

Scotch® Cellophane Film Tape 610 is a high performance, transparent cellophane film tape featuring a high tack adhesive system. This product offers excellent adhesion, dispensing and handling properties.

## Product Features

---

- Dimensionally stable on a wide variety of applications up to 300°F (140°C)
- Easily dispensed.
- Excellent holding properties.
- Immediate adhesion to a variety of substrates.
- Controlled consistent unwind for reliable hand dispensing.

## 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	Additional Information
Backing	Cellophane Film	
Adhesive Type	Pressure Sensitive Rubber Resin	
Color	Transparent	
Backing Thickness	0.036 mm	<a href="#">View</a> ✓
Total Tape Thickness	2.3 mil (0.058 mm)	<a href="#">View</a> ✓
Total Tape Thickness	0.058 mm	<a href="#">View</a> ✓

Backing Thickness

1.43 mil

View 

---

## Typical Performance Characteristics

---

**Property**

**Values**

**Additional Information**

---

180° Peel Adhesion

3.6 N/cm (33 oz/in)

View 

---

180° Peel Adhesion

33 oz/in

View 

---

Tensile Strength

40.2 N/cm

View 

---

Tensile Strength

23 lb/in

View 

---

Tensile Strength

70 N/cm (40 lb/in)

View 

---

Tensile Strength

40 lb/in

View 

---

Elongation at Break

15 %

View 

---

## Available Sizes

---

**Property**

**Values**

**Additional Information**

---

Standard Roll Length

66 m (72 yd)

---

Standard Roll Length

72 yd

---

Standard Width

6.35, 9.5, 19, 25.4, 38.1, 50.8 mm (1/4, 3/8, 3/4, 1, 1.5, 2 in)

---

Standard Width

1/4, 3/8, 3/4, 1, 1.5, 2 in

---

Core Size (ID)

76.2 mm (3 in)

---

Core Size (ID)

3 in

---

## Storage and Shelf Life

---

Store under normal conditions of 70° (21°C) and 50% R.H. in the original carton.

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-Light-Duty-Packaging-Tape-610-Heat-Resistant/?N=5002385+3293241459&rt=rud](https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-Light-Duty-Packaging-Tape-610-Heat-Resistant/?N=5002385+3293241459&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=610](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=610)

---

## ISO Statement

---

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

## Information

---

**Technical Information:** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**Disclaimer:** 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit [www.3M.com](http://www.3M.com).