



## Technical Data Sheet

3M™ Scotch® High Tack Multipack Tape 699



[Product Details](#)

### Product Description

Scotch® High Tack Multipack Tape 699 is a high adhesion, permanent tape recommended for multipack/product bundling purposes. Unlike other Scotch® Multipack Tapes, it will damage packaging surfaces upon removal. It is designed to provide tamper evident protection and secure bundled packages that require higher adhesion levels. Scotch® High Tack Multipack Tape 699 is a packaging alternative to plastic bags, shrink wrap, chipboard, paperboard, and trays. It can increase customers' productivity, reduce secondary packaging material by weight, and improve packaging design. This tape is available in a clear and custom printed version, has a conformable backing, and utilizes a high adhesion, hot melt synthetic rubber adhesive system. This adhesive is made with a 10% renewable component.

### Product Features

- Tamper evident protection
- Adhesion to wide variety of hard-to stick to surfaces
- Strong bundle holding power
- Edge tear and split resistant
- Coated with a 10% renewable component adhesive

### 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
Color		Clear, custom printed
Adhesive Type		Pressure sensitive hot melt rubber resin
Backing		Biaxially orientated polypropylene
Backing Thickness	ASTM D3652	0.041 mm (1.6 mil)
Total Tape Thickness	ASTM D3652	0.066 mm (2.6 mil)

### Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	5 N/cm (46 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		160 %
Tensile Strength	ASTM D3759		52.5 N/cm (30.0 lb/in) <sup>2</sup>
Tensile Strength	ASTM D3759		105 N/cm (60 lb/in) <sup>3</sup>
Holding Power	ASTM D3654		6000+ min

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Machine Direction

<sup>3</sup> Cross Direction

## **Handling/Application Information**

### **Application Techniques**

Application equipment including hand held manual dispensers, semi-automatic and fully automatic equipment for grouping packages are available. Application of Scotch® High Tack Multipack Tape 699 is most easily accomplished at room temperature 72°F (23°C). Very low or high temperatures cause hardening or softening of the adhesive respectively, making application more difficult. Once applied, Scotch® High Tack Multipack Tape 699 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

### **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.

### **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).

### **ISO Statement**

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

3M™ Industrial Specialties Division  
3M Center, St. Paul, MN 55144-1000  
[www.3M.com](http://www.3M.com)

Scotch is a registered trademark of 3M.  
©3M 2015 (9/15)