



Technical Data Sheet

3M™ Scotch® High Tack Multipack Tape 699



[Product Details](#)



[Regulatory Info/SDS](#)

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) ¹
Elongation at Break	ASTM D3759		160 %
Tensile Strength	ASTM D3759		52.5 N/cm (30.0 lb/in) ²
Tensile Strength	ASTM D3759		105 N/cm (60 lb/in) ³
Holding Power	ASTM D3654		6000+ min

¹ 12 in/min (300 mm/min)

² Machine Direction

³ 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 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain best performance, use this product within 18 months from date of manufacture.

Information

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ISO Statement

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

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