Technical data sheet



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Manufacturer:	3M DEUTSCHLAND GMBH
Product group:	KLEBEBAND
Article group:	DOPPELSEITIG
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# 3M SCOTCH ATG TAPE 969

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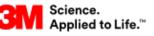
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# **Technical Data Sheet**

3M<sup>™</sup> Scotch<sup>®</sup> ATG Tape 969





Product Details

Regulatory Info/SDS

# **Product Description**

0.005 in. (0.13 mm) thick high-tack adhesive transfer tape

Tape is reverse wound on 1-inch diameter cores for use in Scotch ATG dispensers.

# **General Information**

 $\bullet$  ATG tapes are a reverse wound version of standard 3M Adhesive Transfer and Double Coated tapes for use in the Scotch  $\circledast$  ATG hand-held dispensers.

Comparable 3M tape is 3M ATT Tape 950

**Note:** The user should carefully evaluate the product under actual use conditions to determine whether it is fit for a particular purpose and suitable for the user's method of application.

# **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
Adhesive Type		*300
Total Tape Thickness		0.13 mm (5 mil)
Total Tape Thickness	ASTM D3652	0.13 mm (5 mil)
Liner		White 62# Densified Kraft
Liner Thickness		0.13 mm (5 mil)

Attribute Name	Value
	*DK = densified kraft
	Adhesive System 300 is a soft acrylic pressure-sensitive
*Note	adhesive system. It features very high initial adhesion and
	good shear holding power to a wide variety of materials
	including most plastics.

# **Typical Performance Characteristics**

## 90° Peel Adhesion

Substrate: Stainless Steel Temperature: 22 °C (72 °F) Dwell Time: 72 h Backing: 2 mil PET Test Method: ASTM D3330

## Value

85 oz/in <sup>1</sup> 9.3 N/cm <sup>1</sup>

3M<sup>™</sup> Scotch<sup>®</sup> ATG Tape 969 | English-US

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

Attribute Name	Value
Short Term Temperature Resistance	121 °C (250 °F) <sup>1</sup>
Long Term Temperature Resistance	66 °C (150 °F) <sup>2</sup>

<sup>1</sup> Short Term (minutes, hour)

<sup>2</sup> Long Term (day, weeks)

# **Typical Environmental Performance**

Attribute Name	Value
Solvent Resistance	Medium
	Not recommended for direct exposure to sunlight or other
UV Resistance	sources of U.V. light.

## **Handling/Application Information**

#### Application Examples

Tape 969 is ideal for bonding materials with glossy coatings where an aggressive adhesive with high initial adhesion is desired. Some application ideas are:

Folders and boxes

Attach fabric swatches in sample books
Assemble point-of-purchase displays

#### **Application Techniques**

• Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.

To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water (rubbing alcohol) or heptane. Note: Be sure to follow the manufacturer's precautions and directions for use when using solvents.
 Ideal tape application temperature is 70°F(21°C). Initial tape application to surfaces at temperatures below 50°F

 Ideal tape application temperature is 70°F(21°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

## **Storage and Shelf Life**

24 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% relative humidity.

## Available Sizes

Attribute Name	Value
Available Width	6.35, 12.7, 19.1, and 50.8 mm (1/4, 1/2, 3/4, and 2 in)
Core Size (ID)	25.4 mm (1 in)
Normal Slitting Tolerance	± 0.8 mm (± 1/32 in)
Note	Subject to Minimum Order Requirements
Standard Roll Length	16.5, 32.9 m (18, 36 yd)

## **Recognition/Certification**

**MSDS:** 3M has not prepared a MSDS for these products which are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.

**TSCA:** These products are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.

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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.

#### **For Additional Information**

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/bonding. Address correspondence to: 3M Engineered Adhesives Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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