

# Technical data sheet



Product: 969

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: DOPPELSEITIG

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## 3M SCOTCH ATG TAPE 969

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Tewipack Uhl GmbH  
Industriestraße 15  
D-75382 Althengstett

Telephone:  
+49(0)7051/9297-0  
Fax:  
+49(0)7051/9297-99

E-Mail:  
info@tewipack.de  
Website:  
www.tewipack.de

Managing director:  
Alexander Uhl,  
Michael Uhl  
HRB 330424  
Amtsgericht  
Stuttgart

Bank details:  
Sparkasse  
Sindelfingen  
Pforzheim  
Calw  
BLZ 666 500  
85  
Konto 17 787

Commerzbank  
Sindelfingen  
BLZ 603 400 71  
Konto 8 001 166

Vereinigte  
Volksbank AG  
Böblingen  
BLZ 603 900 00  
Konto 80 089  
003

Postbank  
Stuttgart  
BLZ 600 100  
70  
Konto 146  
294 708



# Technical Data Sheet

## 3M™ Scotch® 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

- ATG tapes are a reverse wound version of standard 3M Adhesive Transfer and Double Coated tapes for use in the Scotch® 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
*Note	*DK = densified kraft Adhesive System 300 is a soft acrylic pressure-sensitive 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>

<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
UV Resistance	Not recommended for direct exposure to sunlight or other 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 (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.

## **Automotive Disclaimer**

**Select Automotive Applications:** This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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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](http://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.

3M  
Industrial Adhesives and Tapes Division  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550

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