

English
Last Revision Date: May, 2022

Technical Data Sheet

3M™ Scotch® ATG Tape 976

Product Description

0.002 in. (0.05 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 927
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

Property	Values	Additional Information
Adhesive Type	*300	
Color	Clear	
Liner	Tan Paper *DK with Red Plaid Leader	
Liner Thickness	0.1 mm	
Liner Print	None	
Total Tape Thickness	2 mil	
Total Tape Thickness	0.05 mm	
Liner Thickness	4 mil	

*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

Property	Values	Additional Information
90° Peel Adhesion Stainless Steel	60 oz/in	View
Test Method: ASTM D3330 Test Name: 90° Peel Adhesion Dwell/Cure Time: 72.0 Dwell Time Units: hr Temp C: 23C Temp F: 72F Environmental Condition: 50%RH Substrate: Stainless Steel Backing: 2 mil PET Notes: 12 in/min (300 mm/min)		
90° Peel Adhesion Stainless Steel	6.6 N/cm	View
Notes: 12 in/min (300 mm/min) ASTM D3330 72 hour dwell on Stainless Steel at 23°C (72°F) and 50% RH Backing: 2 mil Polyester		
Short Term Temperature Resistance	250 °F	View
Test Condition: Short Term (minutes, hour)		
Short Term Temperature Resistance	121 °C	View
Test Condition: Short Term (minutes, hour)		
Long Term Temp C	66 °C	View
Test Condition: Long Term (day, weeks)		
Long Term Temp F	150 °F	View
Test Condition: Long Term (day, weeks)		
Solvent Resistance	Medium	
UV Resistance	Not recommended for direct exposure to sunlight or other sources of U.V. light.	

Available Sizes

Property	Values	Additional Information
Note	Subject to Minimum Order Requirements	
Standard Roll Length	32.9, 54.9 m	
Standard Roll Length	36, 60 yd	
Available Width	6.35, 12.7, and 19.1 mm	
Available Width	1/4, 1/2, and 3/4 in	
Normal Slitting Tolerance	± 0.8 mm	
Normal Slitting Tolerance	± 1/32 in	
Core Size (ID)	25.4 mm	
Core Size (ID)	1 in	

Storage and Shelf Life

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

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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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.

Bottom Matter

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Industry Specifications

This product might be suitable for use in indirect food contact applications. Please see the applicable Regulatory Data Sheet for more information relating to FDA compliance.

Handling/Application Information

Application Examples

Tape 976 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 range is 70°F to 100°F (21°C to 38°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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40065859/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=976

Family Group

Link Tags:

924 926 928 969 976 987

Products	Adhesive Type	Liner	Total Tape Thickness	Short Term Temperature Resistance	Long Term Temp F	Long Term Temp C	Adhesive Carrier	Liner Thickness	Color

976	*300	Tan Paper *DK with Red Plaid Leader	0.05 mm	121 °C	150 °F	N/A	N/A	N/A	N/A
969	*300	White 62# Densified Kraft	0.13 mm	121 °C	150 °F	66 °C	N/A	0.13 mm	N/A
987	*400 Acrylic	Tan Densified Kraft Paper with Clear Leader	0.04 mm	121 °C	180 °F	82 °C	N/A	0.09 mm	Clear
924	*400	White 62# Densified Kraft	0.05 mm	121 °C	180 °F	N/A	N/A	N/A	N/A
926	*350	White 62# Densified Kraft	0.13 mm	232 °C	300 °F	N/A	N/A	N/A	N/A
928	*400/1000	78# Polycoated Kraft Paper (PCK)	0.05 mm	82 °C	150 °F	66 °C	Tissue	0.15 mm	N/A

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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