

August, 2000

3M™ Scotch® ATG Tape 926

Product Description

0.005 in. (0.13 mm) thick high performance 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 9485

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		Method
Color	Clear		
Total Tape Thickness	0.13 mm	5 mil	ASTM D3652
Adhesive Type	*350		
Liner	Tan Paper *DK with Red Plaid Leader		
Liner Print	None		
Liner Thickness	0.10 mm	4 mil	

***Note**

*DK = densified kraft

Adhesive System 350 is a firm acrylic pressure-sensitive adhesive system. It features very high adhesion to a variety of surfaces, excellent shear holding power, high temperature resistance and excellent UV resistance.

Typical Performance Characteristics

Property	Values	Test Condition	Method	Test Name	Dwell Time	Dwell Time Units	Temp C	Temp F	Environmental Condition	Substrate	Backing	Notes
Short Term Temperature Resistance	232 °C 450 °F	Short Term										
		(minutes, hour)										
Long Term Temperature Resistance	149 °C 300 °F	Long Term										
		(day, weeks)										
Solvent Resistance	Very Good											

Table continued on next page

Typical Performance Characteristics (continued)

Property	Values	Test Condition	Method	Test Name	Dwell Time	Dwell Time Units	Temp C	Temp F	Environmental Condition	Substrate	Backing	Notes
UV Resistance	Good											
90° Peel Adhesion Stainless Steel	120 oz/in 13.1 N/cm		ASTM D3330	90° Peel Adhesion	72	hr	23C	72F	50%RH	Stainless Steel	2 mil PET	12 in/min (300 mm/min)

Available Sizes

Property	Values	Test Name
Note	Subject to Minimum Order Requirements	
Standard Roll Length	16.5, 32.9 m	18, 36 yd
Available Width	6.35, 12.7, 19.1, and 50.8 mm	1/4, 1/2, 3/4, and 2 in
Normal Slitting Tolerance	± 0.8 mm	± 1/32 in
Core Size	25.4 mm	1.0 in ID

Handling/Application Information

Application Examples

Tape 926 is ideal for applications requiring high bond strength, high shear strength and high temperature performance. Some application ideas are:

- Nameplates on award plaques.
- Bonding foam insulation.
- Bonding folders and boxes that have a higher degree of memory.

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.

Storage and Shelf Life

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

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/-/Scotch-ATG-Adhesive-Transfer-Tape-926/?N=5002385+3293242258&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=926

Family Group

	908	924	926	928	969	976	987
Short Term Temperature Resistance (°C) Test Condition: Short Term (minutes, hour)	121	121	232	82	121	121	121
Long Term Temperature Resistance (°C) Test Condition: Long Term (day, weeks)	82	82	149	66	66	66	82
Color	Clear	Clear	Clear	White	Clear	Clear	Clear
Total Tape Thickness (mm)	0.05	0.05	0.13	0.05	0.13	0.05	0.04
Adhesive Type	320AF (acid-free medium-firm acrylic pressure sensitive adhesive system. It features a good balance of high initial adhesion (quick stick) and shear holding power.)	*400	*350	*400/1000	*300	*300	*400 Acrylic
Liner	White Paper Liner with Gold Plaid Leader	Tan Paper *DK with Red Plaid Leader	Tan Paper *DK with Red Plaid Leader	White Paper *PCK with Yellow Leader	Tan Paper *DK with Red Plaid Leader	Tan Paper *DK with Red Plaid Leader	Tan Densified Kraft Paper with Clear Leader
Liner Thickness (mm)	0.08	0.1	0.1	0.15	0.13	0.1	0.09

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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