ATG Tape
987

Technical Data **June, 2004**

Product Description

3M™ ATG Tape 987 is a general purpose tape for holding many paper, foils, films, and various foams.

Construction

Adhesive Type:	400 Acrylic*
Release Liner:	Tan Densified Kraft Paper
Approximate Thickness:	
Release Liner:	.0035 in. (0.09 mm)
Tape Only:	.0017 in. (0.040 mm)
Tape Color:	Clear

*3M™ Adhesive 400 is a medium firm acrylic pressure sensitive adhesive system. It features an excellent balance of high initial adhesion (quick stick) and good shear holding power.

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Adhesion to Steel: (ASTM D3330)	20 oz./in. width (22 N/100 mm)
Relative High Temperature Operating Ranges:	
Long term: (days, weeks)	250°F (121°C)
Short term: (minutes, hours)	180°F (82°C)
Relative Solvent Resistance:	Good
UV Resistance:	Excellent

Available Sizes

Available Lengths:	
Standard	36 yds. (32.9 m) and 60 yds. (54.9 m)
Available Widths:	1/4 in. (6.4 mm), 1/2 in. (12.7 mm) and 3/4 in. (19 mm)
Normal Slitting Tolerance:	± 1/32 in. (0.8 mm)
Core Size (ID):	1.0 in. (25.4 mm)

3M™ ATG Tape
987

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.
- 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

Store in original cartons at 70°F (21°C) and 50% R.H.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Recognition/ Certification

MSDS: 3M has not prepared a MSDS for this product which is 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, the product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect its performance and present potential health and safety hazards.

TSCA: This product is defined as an article under the Toxic Substances Control Act and therefore, it is exempt from inventory listing requirements.

Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Warranty and Limited Remedy

Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M's and seller's sole obligation will be, at 3M's option, to replace the product or refund the purchase price.

Limitation of Liability

Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

3M

Industrial Business
Industrial Adhesives and Tapes Division
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)
www.3M.com/industrial

Recycled Paper
40% pre-consumer
10% post-consumer

Printed in U.S.A.
©3M 2004 70-0709-3840-5 (6/04)