



# Technical Data Sheet

3M™ ATG Tape 987



[Product Details](#)



[Regulatory Info/SDS](#)

## Product Description

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

## 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		*400 Acrylic
Total Tape Thickness	ASTM D3652	0.04 mm (1.7 mil)
Liner		Tan Densified Kraft Paper with Clear Leader
Liner Thickness		0.09 mm (3.5 mil)

Attribute Name	Value
*Note	*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 Performance Characteristics

### 90° Peel Adhesion

Substrate: Stainless Steel  
Temperature: 23 °C (73 °F)  
Dwell Time: 72 h  
Backing: 2 mil PET  
Test Method: ASTM D3330

Value
20 oz/in <sup>1</sup>
2.2 N/cm <sup>1</sup>

<sup>1</sup> 304 mm/min (12 in/min)

Attribute Name	Value
Short Term Temperature Resistance	121 °C (250 °F) <sup>1</sup>
Long Term Temperature Resistance	82 °C (180 °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	Good
UV Resistance	Excellent

## **Handling/Application Information**

### **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.

## **Industry Specifications**

### **FDA Statement**

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.

## **Storage and Shelf Life**

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

## **Available Sizes**

Attribute Name	Value
Available Width	6.4, 12.7, 19 mm (1/4, 1/2, 3/4 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	32.9, 54.9 m (36, 60 yd)

## **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.

## **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.

## **Information**

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## **ISO Statement**

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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