

# Avery Dennison™ FT 324

## ◆ DESCRIPTION

Avery Dennison™ FT 324 double coated polyester tape is designed for lamination to metals and plastics in the nameplate and trim industry.

## ◆ CONSTRUCTION

Adhesive : Permanent synthetic rubber resin adhesive typified by its high tack and very high shear resistance  
Carrier : Transparent polyester film.  
Liner : Brown, polyethylene protected paper.

## ◆ FEATURES & BENEFITS

### Features

- \* Specially designed adhesive
- \* High tack adhesive
- \* Strong plastic carrier
- \* Polyethylene protected liner
- \* Medium release liner
- \* Heavy duty liner

### Benefits

- \* Ideal for all common nameplate substrates plus the more modern plastics encountered in the appliance and automotive industries, e.g. polycarbonate, ABS.
- \* Provides good initial adhesion to flat and embossed surfaces.
- \* Excellent die-cutting characteristics.
- \* Imparts a high degree of dimensional stability aiding uniform processing.
- \* Provides a balance between the requirements for conversion and liner removal at point of application.
- \* Ideal for kiss die-cutting of metal and plastic nameplates.

## ◆ TYPICAL APPLICATIONS

Mounting of nameplates and trims in foil, plastic or metal.

## ◆ SURFACE PREPARATION

It is essential, as with all pressure sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease and oil.



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Physical Properties	Typical Values	Units	Test Methods
<b>THICKNESS</b>			
Adhesive + Carrier	80	microns	ATM .7
Liner :	140	microns	
Total :	220	microns	
<b>ELONGATION</b>	60	%	ATM.13-
<b>TENSILE STRENGTH</b>	1.5	kN/m	ASTM D882
<b>TACK</b> (Finat)	1480	N/m	ATM.8-FINAT.9
<b>ADHESION</b> (180° peel)	<u>20min</u>	<u>24hrs</u>	N/m
Stainless steel	1090	1150	ATM.1-PSTC.1
Painted steel	950	965	
Polycarbonate	1030	1100	
Rigid polypropylene	720	730	
<b>SHEAR RESISTANCE</b> (Static-2500g/25mmx25mm)	600	ks	ATM.2-FINAT.8- PSTC.7
<b>TEMPERATURES</b>			
Application (minimum)	+ 10	°C	
Service (continuous)	-40 to + 80	°C	
Short time	+ 95	°C	
<b>STORAGE and SHELF LIFE</b>			
Two years when stored at 21° C (70° F), 50 % relative humidity, out of direct sunlight.			
<b>Important</b> - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison's Conditions of Sales, a copy of which is available on request.			

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