

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
THICKNESS				
Adhesive + Carrier	80		microns	ATM .7
Liner :	140		microns	
Total :	220		microns	
ELONGATION				
TENSILE STRENGTH				
	60		%	ATM.13-
	1.5		kN/m	ASTM D882
TACK (Finat)				
	1480		N/m	ATM.8-FINAT.9
ADHESION (180° peel)				
	<u>20min</u>	<u>24hrs</u>	N/m	ATM.1-PSTC.1
Stainless steel	1090	1150		
Painted steel	950	965		
Polycarbonate	1030	1100		
Rigid polypropylene	720	730		
SHEAR RESISTANCE				
(Static-2500g/25mmx25mm)	600		ks	ATM.2-FINAT.8- PSTC.7
TEMPERATURES				
Application (minimum)	+ 10		°C	
Service (continuous)	-40 to + 80		°C	
Short time	+ 95		°C	
STORAGE and SHELF LIFE				
Two years when stored at 21° C (70° F), 50 % relative humidity, out of direct sunlight.				
Important - 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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Avery Dennison™ is a trademark of Avery Dennison Corporation.

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