



Specialty Tape Division

Avery Dennison™ FT 1125 HLP

56144

PRODUCT INFORMATION BULLETIN

Features

- High Performance Acrylic Adhesive
- Unsupported Adhesive Film
- Moisture-Resistant Liner
- Heavy Adhesive Mass

Benefits

- High temperature resistance
- Excellent solvent and UV resistance
- Humidity resistance
- Conforms to irregular surfaces

Applications

FT 1125 HLP was designed to meet adhesion and shear requirements for most long-term nameplate and decorative trim applications. Also ideal for lamination to graphic overlay material.

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.

Storage and Shelf Life

One year when stored at 70°F (21°C)/50%relative humidity out of direct sunlight.

PRODUCT CONSTRUCTION (not for specification use)		TYPICAL VALUES	
	THICKNESS		
	<u>US MILS</u>	<u>MMs</u>	
Adhesive	5.0	0.12	Acrylic Adhesive
Liner	<u>6.5</u>	<u>0.16</u>	84# Poly-coated Kraft Liner
Total	11.5	0.28	
<i>Test Methods: PSTC-33, ASTM-D-1000, TAPPI-T-411-M-44, FASSON TM-2</i>			
ADHESIVE PROPERTIES (not for specification use)		TYPICAL VALUES	
180° Peel Adhesion	2 mil polyester support, 1 mil dwell, 12 in/min		
	<u>US Oz Force Per In Width</u>	<u>Metric Newtons Per Meter</u>	
Stainless steel	65	730	
<i>Test Methods: PSTC-3, ASTM-D-3330</i>			
Rolling Ball Tack			
<i>Test Methods:</i>			
Loop Tack			
Stainless Steel	50	545	
<i>Test Methods: Fasson TM-7A</i>			
Static Shear			
<u>Temperature</u>	<u>Area</u>	<u>Load</u>	<u>Minutes to Failure</u>
72°F(22°C)	1 in ² (6.5cm ²)	5.5 lb. (2.5kg)	> 10,000
<i>Test Methods: PSTC-7, Federal Test Method 147B, Fasson TM-9</i>			
Minimum Application Temperature:		50°F (10°C)	
Maximum Continuous Operating Temperature:		250°F	
Maximum Intermittent Operating Temperature:		350°F	