



FT 3305

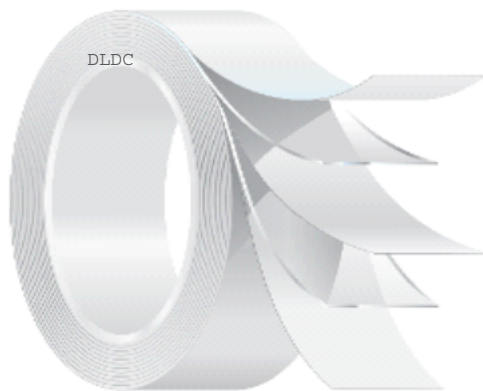
Avery Dennison™ FT 3305 was designed for applications where heat and environmental resistance is important. Provides good adhesion to low surface energy materials.

FEATURES

- High performance silicone adhesive on both sides
- PET release liner for improved handling and die cutting properties
- Chemical, UV, and weather resistance
- Easy release, tear resistant liner

BENEFITS

- Easy handling and liner removal
- Good heat and humidity resistance
- Polyester throw-away liner for ease in converting



CONSTRUCTION:

Liner 1 (Tight):

2 mil Polyester

Adhesive 1:

Silicone

Carrier:

Polyester

Adhesive 2:

Silicone

Liner 2 (Easy):

2 mil Polyester

FT 3305

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		2.0	0.05	51
Adhesive 1 - Liner		0.8	0.02	20
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		0.8	0.02	20
Liner 2 Tight		2.0	0.05	51
Total Caliper without Liner:		2.1	0.05	53
Total Caliper:		6.1	0.15	155

Peel Adhesion		ASTM D3330		
180° 12 in (305 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Liner Initial	3.4	599	
	Unwind	3.3	581	
LDPE	Liner Initial	2.7	475	
	Unwind	2.7	475	

Static Shear		ASTM D3654		
180° 1/2" sq (3.25 cm2) 500 g @ Room Temp				
Substrate		Mins to Fail		
SS	Liner Initial	> 2,500		
	Unwind	> 2,500		

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	30° C
Maximum Continuous Operating Temperature	482° F	250° C
Maximum Intermittent Operating Temperature	572° F	300° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

APPLICATION TECHNIQUES

- 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 or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

STORAGE / SHELF LIFE

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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