



FT 7540B

Avery Dennison FT 7540B is a 100 micron double coated black polyester tape with a modified acrylic adhesive designed for dimensional stability and improved handling with ease of die cutting and laminating. The specially designed adhesive provides high adhesion to a variety of materials and surfaces.

FEATURES:

- Modified acrylic adhesive
- Black PET carrier
- Glassine liner

BENEFITS:

- High adhesion to a variety of foam, felt and nonwoven materials
- High peel adhesion and initial tack
- Excellent handling and converting characteristics
- Provides dimensional stability and excellent water jet and die cutting performance



CONSTRUCTION:

Liner:

Havana Glassine

Adhesive:

Modified Acrylic

Carrier:

Black PET

Adhesive:

Modified Acrylic

FT 7540B

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	3.9	0.10	100
Liner	3.1	0.08	80
Total	7.0	0.18	180

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / Meter	
	20 min	24 hr	20 min	24 hr
Stainless steel	3.7	4.1	16	18
Polypropylene	5.0	5.9	22	26

*PSTC-101, ASTM D-3330, STD-10

LOOP TACK

2 mil PET; 90°; 20" / min; 1" sq (6.5 cm²)

Substrate	Lbf / in		N / Meter	
Stainless steel	4.6		20	

*PSTC-16, STD-7

STATIC SHEAR

Foil; 1" sq (6.5 cm²); 1000 g

Min to Fail

> 10,000

*PSTC-107, ASTM D 3654, STD-9

TEMPERATURES

Min. Application Temp.	50 ° F	10 ° C
Max. Continuous Operating Temp.	212 ° F	100 ° C
Max. Intermittent Operating Temp.	248 ° F	120 ° C

*TEST METHODS

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, 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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For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com