



FT 5297

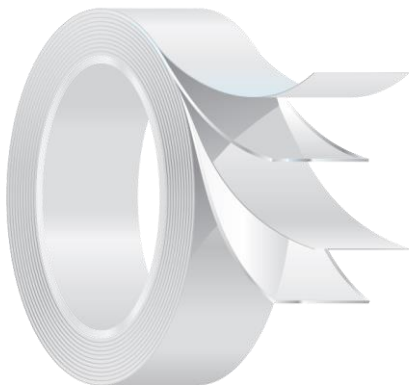
Avery Dennison FT 5297 is a 175 micron double coated film tape featuring a modified acrylic adhesive with a black PET carrier. The specially designed adhesive offers well balanced performance designed for component mounting in Industrial display assembly.

FEATURES:

- Clear modified acrylic adhesive
- Black PET carrier
- Tape thickness 175um

BENEFITS:

- High adhesion on a variety of substrates, including low surface energy, as PE
- Excellent cohesion provide high dynamic shear and push out force
- High temperature and UV resistance
- Waterproof with IPX7 certification
- Good moisture and dimensional stability



CONSTRUCTION:

Liner:

Havana coloured glassine

Adhesive:

Modified acrylic adhesive

Carrier:

25um black PET carrier

Adhesive:

Modified acrylic adhesive

FT 5297

Adhesive Properties	Typical Values			
	US Mils		mm	Microns (µm)
THICKNESS				
Adhesive + Carrier	6.89		0.175	175
Liner	2.9		0.074	74
Total	9.79		0.249	249
*PSTC-133				
PEEL ADHESION				
2 mil PET; 180°; 12" / min				
Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	6.8		30	32
Polypropylene	7,4		32	35
*PSTC-101, ASTM D-3330, STD-10				
LOOP TACK				
2 mil PET; 90°; 20" / min; 1" sq (6.5 cm ²)				
Substrate	Lbf / in		N / 25mm	
Stainless steel	6.8		30	
*PSTC-16, STD-7				
STATIC SHEAR				
	Min to Fail			
Foil; 1" sq (6.5 cm ²); 1000 g	>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