



FT 8109

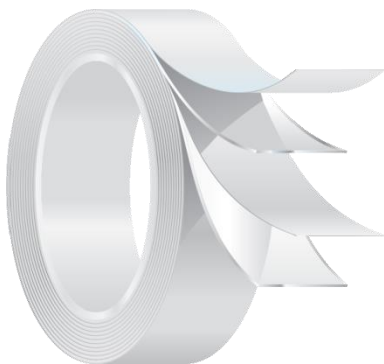
FT8109 is a PET double coated tape designed for applications requiring quick stick and good adhesion to low surface energy substrates

FEATURES:

- Polyester carrier
- Specialty formulated adhesive
- Thick glassine release liner

BENEFITS:

- Adhesive combines high tack and adhesion with excellent shear
- Excellent substrates
- Good die-cutting characteristics



CONSTRUCTION:

Liner:

White Glassine

Adhesive:

Rubber

Carrier:

Clear polyester

Adhesive:

Rubber

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Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	3.6	0.09	90
Liner	4.3	0.11	110
Total	7.9	0.2	200

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min, 20min dwell

Substrate	Lbf / in		N / 25mm	
	MS	LS	MS	LS
Tape side				
Stainless steel	11.5	8.9	50	39
Polypropylene	8.0	5.9	35	26

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

LOOP TACK2 mil PET; 90°; 20" / min; 1" sq (6.5 cm²)

Substrate	Lbf / in		N / 25mm	
	Glass(MS)	14.9		65
Glass(LS)	10.3		45	

*PSTC-16, STD-7

TEMPERATURES

Min. Application Temp.	50 °F	10 °C
Max. Continuous Operating Temp.	150 °F	65 °C
Max. Intermittent Operating Temp.	175 °F	79 °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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