

TECHNICAL DATA SHEET

Avery Dennison™ FT 7363 is a double coated black polyester construction with a high adhesion modified acrylic adhesive for general bonding/precision die cuts , graphic nameplates, splice tape

FEATURES

- Modified clear acrylic adhesive
- Clear adhesive
- Remoisturised liner
- Black opaque polyester carrier

BENEFITS

- Offers high temperature and UV resistance
- Good adhesion to a lot of surfaces, also low energy surfaces
- Black out properties for visual application
- Good moisture and dimensional stability
- Very good handling and conversion (die-cutting) characteristics



CONSTRUCTION

Liner: Havana (yellow/brown) colored glassine

Adhesive: Tackified Acrylic solvent

Carrier: Black Polyester 12μ

Adhesive: Tackified Acrylic solvent

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.91	0.074	74
Carrier & Adhesive		1.97	0.05	50
Total Caliper		4.88	0.124	124
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	3.83	61	670
	24 hr dwell	3.88	62	680
Polycarbonate	20 min dwell			
	24 hr dwell			
Painted Steel	20 min dwell			
	24 hr dwell			
Rigid Polypropylene	20 min dwell	2.68	43	470
	24 hr dwell	2.86	46	500
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	6.85	110	1200
DYNAMIC SHEAR (ASTM D- 1002)				
1"sq (6.25 cm ²) 2mm / min @ Room Temp				
SUBSTRATE		Lbf / in ²		kPa
Stainless Steel	24 hr dwell	74		775
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			284 °F	140 °C

Note: The listed values are typical only 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

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

For more information on our bonding tapes and adhesive solutions, call us:

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