

TECHNICAL DATA SHEET

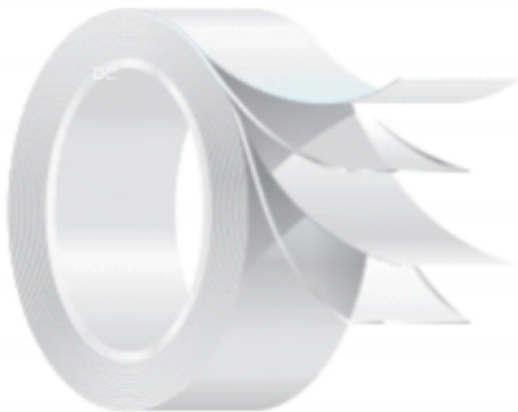
Avery Dennison™ FT 7423

FEATURES

- High tack adhesive
- Strong yet conformable plastic carrier
- Easy release liner

BENEFITS

- Provides excellent initial adhesion to a wide variety of substrates
- Suitable for the bonding to flat and embossed surfaces
- Provides excellent dimensional stability
- Reinforcement of flexible substrates
- Improves die-cutting efficiency
- Facilitates easy removal at point of application



CONSTRUCTION

Liner: Havana (yellow/brown) colored glassine

Adhesive 1: Permanent synthetic rubber adhesive

Carrier: Polypropylene film

Adhesive 2: Permanent synthetic rubber adhesive

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.95	0.075	75
Carrier & Adhesive		4.13	0.105	105
Total Caliper		7.09	0.180	180
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	7.99	128	1400
	24 hr dwell	8.28	132	1450
Polypropylene	20 min dwell	6.28	100	1100
	24 hr dwell	6.85	110	1200
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless steel - Finat tack	Initial	10.85	174	1900
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 10000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			176 °F	80 °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:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com