

TECHNICAL DATA SHEET

Avery Dennison™ FT 7392 is a 62 micron double coated tape with 12 micron clear PET carrier and differential adhesive system.

FEATURES

- Innovative new elastomeric adhesive
- UV cured acrylic adhesive
- Easy release liner
- Filmic (PET) carrier

BENEFITS

- Excellent adhesion to curved surfaces as well as LSE substrates such as PP
- Optimum adhesion to un-clean surfaces in industrial environments such as greasy steel
- Optimum initial adhesion levels on substrates such as foams and fibers
- High resistance to humidity/water and chemicals
- Low fogging characteristic
- Bomb calorie-meter performance at +/- 30 MJ/kg; offering conditions to help pass SBI test
- Facilitates easy removal at point of application
- Carrier allows dimensional stability during conversion and application



CONSTRUCTION

Liner: White colored glassine

Adhesive: UV cured acrylic adhesive (MS)

Carrier: 12 micron clear PET

Adhesive: Permanent elastomeric adhesive (LS)



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.15	0.08	80
Carrier & Adhesive		2.44	0.062	62
Total Caliper		5.59	0.142	142
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	LS 20min	4.02	64	702
	MS 24 hr	3.16	51	553
Polycarbonate	LS 20min	3.47	56	608
	MS 24 hr	3.84	61	673
Painted Steel	LS 20min	3.52	56	617
	MS 24 hr	3.90	62	683
Rigid Polypropylene	LS 20min	3.55	57	622
	MS 24 hr	2.28	36	399
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	LS	8.68	139	1520
	MS	4.11	66	720
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		310
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			194 °F	90 °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