

TECHNICAL DATA SHEET

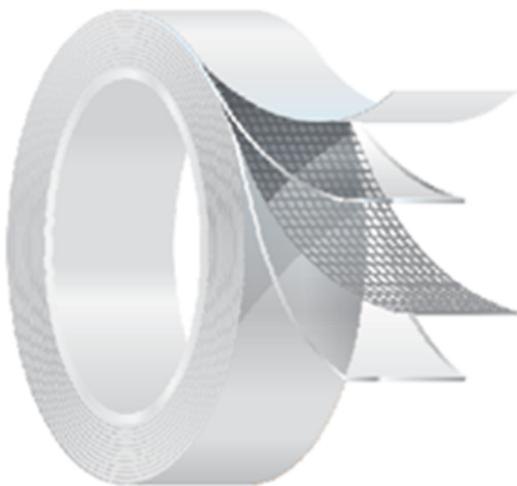
Avery Dennison™ FT 79100 is a double coated scrim tape used for high end applications. It offers advanced acrylic adhesive with low VOC and fogging performance and is resistant to solvents, moisture, and UV light. With its easy-release glassine liner and broad service temperature range, it provides reliable bonding on both flat and curved surfaces.

FEATURES

- Advanced pure acrylic adhesive
- APEO free adhesive
- Low VOC and Fogging performance
- Easy release glassine liner
- Broad range of service temperatures

BENEFITS

- Excellent resistance to solvents, chemicals, plasticizers, temperature and UV light
- Good resistance to moisture
- Good conformability to flat or curved surfaces
- Immediate initial adhesion for part placement
- Helps provide tear resistance



CONSTRUCTION

Liner: Glassine, natural liner with recycled content

Adhesive: Pure acrylic

Carrier: Polyester scrim

Adhesive: Pure acrylic



Performance
Tapes

Adhesive Properties**Typical Values**

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.95	0.075	75
Adhesive + Carrier		3.70	0.094	94
Total Caliper		6.65	0.169	169
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	2.72	43	476
	24 hr dwell	3.43	55	600
Polycarbonate	20 min dwell	4.02	64	704
	24 hr dwell	4.36	70	764
Polypropylene	20 min dwell	1.48	24	260
	24 hr dwell	1.53	24	268
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
SS	Initial			
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Minutes to Fail		
Stainless Steel	Initial	> 250		
TEMPERATURES		°F	°C	
Minimum Application Temperature		50 °F	10 °C	
Minimum Service Temperature		-40 °F	-40 °C	
Maximum Service Temperature		392 °F	200 °C	

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 / SHELF LIFE

Two years when stored at 18-22 °C (64-72 °F) / 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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Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com