

## TECHNICAL DATA SHEET

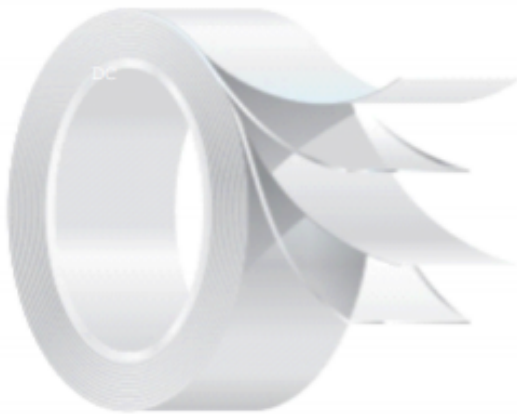
### Avery Dennison™ FM 7600

#### FEATURES

- Specially formulated adhesive system
- Closed cell polyethylene foam carrier with high internal strength
- Medium release liner

#### BENEFITS

- Gives an immediate bond to a variety of plastic/metal substrates
- Able to withstand a high shear loading
- Provides conformability to irregular surfaces as well as easy die-cutting
- Enables easy conversion into pads and die-cut shapes as well as an easy removal at the point of application



#### CONSTRUCTION

**Liner:** White glassine

**Adhesive 1:** Permanent synthetic rubber adhesive

**Carrier:** A 1mm cross-linked, closed cell polyethylene white foam

**Adhesive 2:** Permanent synthetic rubber adhesive

**Adhesive Properties**

**Typical Values**

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		3.23	0.082	82
Carrier & Adhesive		44.09	1.120	1120
Total Caliper		47.32	1.202	1202
<b>PEEL ADHESION (ASTM D3330)</b> 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	72 hr dwell	Adhesive strength to substrate exceeds the internal strength of the foam carrier.		
Polycarbonate	20 min dwell	Adhesive strength to substrate exceeds the internal strength of the foam carrier.		
Painted Steel	20 min dwell			
	24 hr dwell	Adhesive strength to substrate exceeds the internal strength of the foam carrier.		
Polypropylene	72 hr dwell	Adhesive strength to substrate exceeds the internal strength of the foam carrier.		
<b>LOOP TACK (ASTM D6195)</b> (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	11.42	183	2000
Finat Tack	Initial	11.42	183	2000
<b>STATIC SHEAR (ASTM D3654)</b> 1"sq (6.25 cm <sup>2</sup> ) 2500 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	l24 hr dwell	>10.000 min		
TEMPERATURES		°F	°C	
Minimum Application Temperature		50 °F	10 °C	
Minimum Service Temperature		-40 °F	-40 °C	
Maximum Service Temperature		185 °F	85 °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](http://www.tapes.averydennison.com)