



## FT 7383DL

Avery Dennison<sup>1</sup>™ FT 7383DL is a dual liner, 50 micron double coated film tape featuring a modified acrylic adhesive with a clear PET carrier. The specially designed adhesive offers well balanced performance designed for component mounting in mobile phone assembly.

### FEATURES:

- Modified acrylic adhesive
- Clear PET carrier
- Dual clear PET release liners

### BENEFITS:

- High adhesion on a variety of substrates, including low surface energy materials
- Excellent cohesion provide high dynamic shear and push out force
- High temperature and UV light resistance
- Reduces risk of wrinkle, shrinkage and contamination from fibers and particles



### CONSTRUCTION:

#### Liner 1:

Clear PET

#### Adhesive:

Modified acrylic

#### Carrier:

Clear PET

#### Adhesive:

Modified acrylic

#### Liner 2:

Clear PET

**FT 7383DL**

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
<b>THICKNESS</b>			
Liner 1	1.2	0.03	30
Adhesive + Carrier	2.0	0.05	50
Liner 2	2.0	0.05	50
Total	5.1	0.13	130

\*PSTC-133

**PEEL ADHESION**

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	3.3	3.8	15	17
Polypropylene	3.6	4.2	16	19

\*PSTC-101, ASTM D-3330, STD-10

**LOOP TACK**2 mil PET; 90°; 20" / min; 1" sq (6.5 cm<sup>2</sup>)

Substrate	Lbf / in		N / 25mm	
	Stainless steel	4.0		18

\*PSTC-16, STD-7

**STATIC SHEAR****Min to Fail**Foil; 1" sq (6.5 cm<sup>2</sup>); 1000 g

&gt;10,000

\*PSTC-107, ASTM D 3654, STD-9

**TEMPERATURES**

Min. Application Temp.	50 ° F	10 ° C
Max. Continuous Operating Temp.	212 ° F	100 ° C
Max. Intermittent Operating Temp.	248 ° F	120 ° C

\*TEST METHODS

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 AND SHELF LIFE**

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

Please refer to [Tapes.AveryDennison.com](http://Tapes.AveryDennison.com) for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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