



## FT 2018X

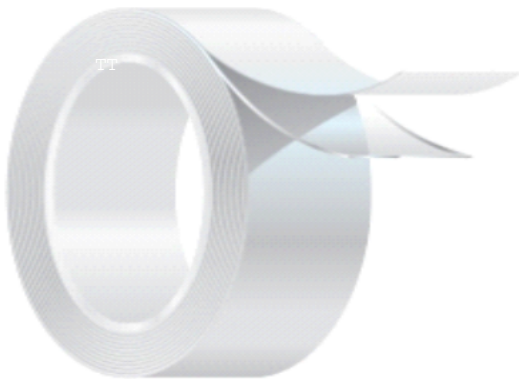
Avery Dennison™ FT 2018X is a 3.2 mil transfer tape with a low VOC modified acrylic adhesive. It bonds well to low surface energy materials and has excellent foam bonding properties. FT 2018X is commonly used for general industrial foam bonding and where low VOC properties are required.

### FEATURES

- Unsupported adhesive
- Low outgassing modified acrylic adhesive
- Super calendered kraft release liner

### BENEFITS

- Highly conformable to curved or irregular surfaces
- Solvent free adhesive with excellent foam bonding performance
- Dimensional stability and excellent water jet and die cutting performance



### CONSTRUCTION:

**Liner:**

55# White Kraft

**Adhesive:**

Low VOC Acrylic

**FT 2018X**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.2	0.09	89
Adhesive		3.2	0.08	81
Total Caliper without Liner:		3.2	0.08	81
Total Caliper:		6.7	0.17	170

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	72 hr dwell	8.0	1,409	
ABS	72 hr dwell	7.0	1,233	

Loop Tack		ASTM D6195		
180° 26 in (508 mm) / min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	Initial	4.0	704	

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm <sup>2</sup> ) 500 g @ Room Temp				
Substrate		Min to Fail		
SS	24 hr dwell	> 10,000		

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	250° F	120° C

THE LISTED VALUES ARE TYPICAL 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.

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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