



## FT 2018X

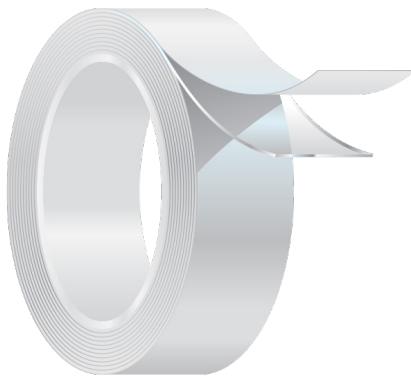
Avery Dennison FT 2018X is a 3.2 mil transfer tape with a low VOC modified acrylic adhesive. It bonds well to low surface energy materials and has excellent foam bonding properties. FT 2018X is commonly used for general industrial foam bonding and where low VOC properties are required.

### FEATURES:

- Unsupported adhesive
- Low outgassing modified acrylic adhesive
- Glassine paper 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:

Havana Glassine

#### Adhesive:

Low VOC Acrylic

**FT 2018X**

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		2.7	0.07	70
Adhesive		3.2	0.08	80
Total Caliper without Liner:		3.2	0.08	80
Total Caliper:		5.9	0.15	150

PEEL ADHESION				Test Method(s): PSTC-101, ASTM D-3330	
2 mil PET	72 hr dwell	180°	12 in /min (305 mm / min)		
Substrate				Lbf / In	N / Meter
SS				8.0	1,400
ABS				7.0	1,230

LOOP TACK				Test Method(s): PSTC-16	
2 mil PET	Initial	20 in / min (508 mm / min)			
Substrate				Lbf / In	N / Meter
SS				4.0	700

STATIC SHEAR				Test Method(s): PSTC-107, ASTM D 3654	
2 mil PET	72 hr dwell	1" sq (6.5 cm2)	500 g		
Substrate				Mins to Fail	
SS				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**

- One year 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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