



## FT 0900X PET

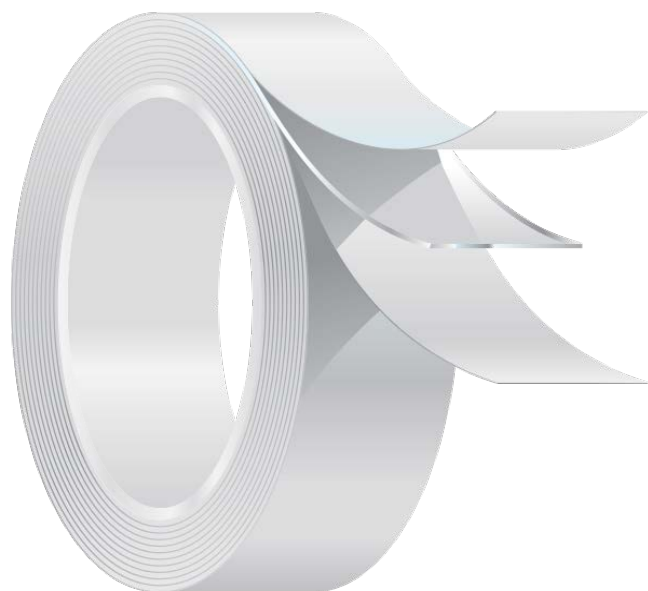
Avery Dennison FT 0900X PET is a 36 mil single coated black flock with a high performance low VOC acrylic adhesive and a polyester release liner. The adhesive bonds very well to low surface energy materials and the flock provides anti-squeak properties with high wear resistance. FT 0900X PET is commonly used in automotive applications and where low VOC properties are required.

### FEATURES:

- Single coated tape construction
- Low outgassing high performance modified acrylic adhesive
- Nylon flock facestock
- Polyester film release liner

### BENEFITS:

- Functional tape that allows for die cutting
- Solvent free adhesive with good adhesion to low surface energy materials
- Good heat resistance
- High abrasion resistance and NVH reduction
- Excellent moisture stability and die cutting properties with good converting performance



### CONSTRUCTION:

#### Liner:

2 mil Clear PET

#### Adhesive:

Low VOC Acrylic

#### Carrier:

Flock

**FT 0900X PET**

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		2.0	0.05	50
Adhesive		4.8	0.12	120
Carrier		31.0	0.79	785
Total Caliper without Liner:		35.8	0.91	905
Total Caliper:		37.8	0.96	955

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		9.0		1,580	
ABS		10.0		1,750	

LOOP TACK				Test Method(s): PSTC-16	
2 mil PET 20 in / min (508 mm / min)					
Substrate		Lbf / In		N / Meter	
SS		3.5		610	

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			350° F	175° 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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