



## FT 0900X

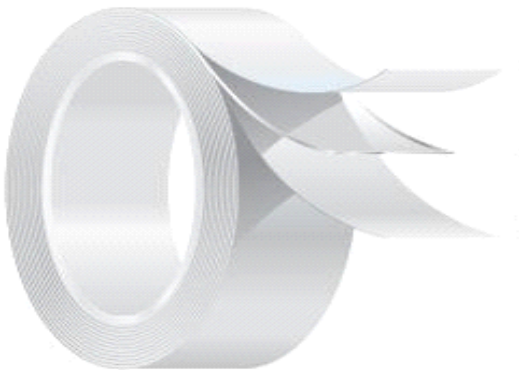
Avery Dennison™ FT 0900X is a 36 mil single coated black flock with a high performance low VOC acrylic adhesive. The adhesive bonds very well to low surface energy materials and the flock provides anti-squeak properties with high wear resistance. FT 0900X is commonly used in automotive applications and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

### FEATURES

- Single coated tape construction
- Low outgassing high performance modified acrylic adhesive
- Nylon flock facestock
- Poly coated kraft 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
- Good moisture stability and lay flat properties
- Two-year warranty



### CONSTRUCTION:

**Liner:**

82# Natural Poly Coated Kraft

**Adhesive:**

Low VOC Acrylic

**Carrier:**

Flock

**FT 0900X**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		5.8	0.15	147
Adhesive		4.8	0.12	122
Carrier		31.0	0.79	787
Total Caliper without Liner:		35.8	0.91	909
Total Caliper:		41.6	1.06	1057

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	72 hr dwell	9.0	1,585	
ABS	72 hr dwell	10.0	1,761	

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	Initial	3.5	616	

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 1000 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	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**

- 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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