



## FT 7770X

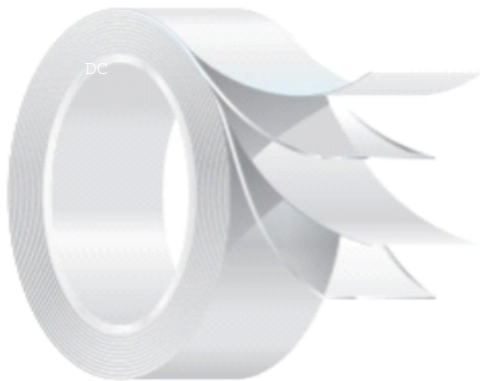
Avery Dennison™ FT 7770X is a 6.2 mil double coated tissue with a low VOC modified acrylic adhesive. It bonds well to low surface energy materials and has excellent foam bonding properties. FT 7770X is commonly used for general industrial foam bonding and where low VOC properties are required.

### FEATURES

- Double coated tape construction
- Low outgassing modified acrylic adhesive
- Tissue carrier
- Super calendered kraft release liner

### BENEFITS

- Dimensional stability and good die cutting characteristics
- Solvent free adhesive with excellent foam bonding performance
- Flexibility and conformability along with the ability to tear by hand
- Dimensional stability and excellent water jet and die cutting performance



### CONSTRUCTION:

**Liner:**

55# White Kraft

**Adhesive 1:**

Low VOC Acrylic

**Carrier:**

Tissue

**Adhesive 2:**

Low VOC Acrylic

**FT 7770X**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.2	0.09	89
Adhesive 1 - Liner		2.3	0.06	58
Carrier		2.2	0.06	56
Adhesive 2 - Unwind		1.7	0.04	43
Total Caliper without Liner:		6.2	0.16	157
Total Caliper:		9.7	0.25	246

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	9.0	1,585
	Unwind		8.5	1,497
ABS	Liner	72 hr dwell	6.5	1,145

Loop Tack		ASTM D6195		
180° 27 in (508 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	Initial	3.0	528

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