



FT 7770X

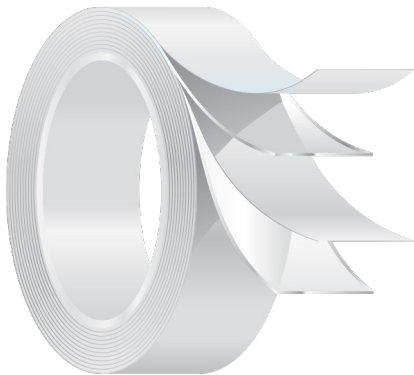
Avery Dennison FT 7770X is a 6.2 mil double coated tissue with a low VOC modified acrylic adhesive. It bonds well to low surface energy materials and has excellent foam bonding properties. FT 7770X is commonly used for general industrial foam bonding and where low VOC properties are required.

FEATURES:

- Double coated tape construction
- Low outgassing modified acrylic adhesive
- Tissue carrier
- Glassine paper 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:

Havana Glassine

Adhesive:

Low VOC Acrylic

Carrier:

Tissue

Adhesive:

Low VOC Acrylic

FT 7770X

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		2.7	0.07	70
Adhesive - Unwind		1.7	0.04	45
Carrier		2.2	0.06	55
Adhesive - Liner		2.3	0.06	60
Total Caliper without Liner:		6.2	0.16	160
Total Caliper:		8.9	0.23	230

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	Liner	9.0	1,580	
	Unwind	8.5	1,490	
ABS	Liner	6.5	1,140	
	Unwind	6.0	1,050	

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET Initial 20 in / min (508 mm / min)				
Substrate		Lbf / In	N / Meter	
SS	Liner	3.0	530	

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	Liner	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

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.

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