



FT 8392 12 Pt Board

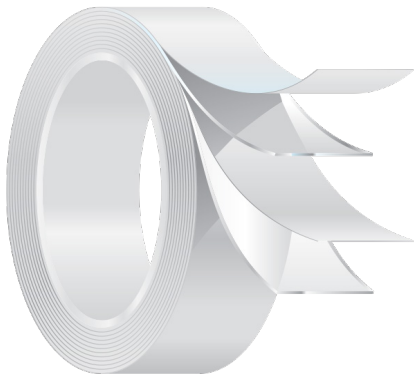
Avery Dennison FT 8392 12 Pt Board is a 3.6 mil double coated polyester with a foam bonding modified acrylic adhesive on the laminating side and a high shear rubber adhesive on the mounting side and a heavy board release liner. It is designed for bonding a wide variety of foams and fabrics to low surface energy materials. FT 8392 12 Pt Board is commonly used for foam bonding applications in the automotive industry.

FEATURES:

- Double coated tape construction with a differential adhesive system
- Foam bonding modified acrylic adhesive on the laminating side
- High shear rubber adhesive on mounting side
- Polyester film carrier
- 12 point poly coated kraft board release liner

BENEFITS:

- Dimensional stability and good die cutting characteristics
- Strong bond to high and medium surface energy materials and good foam bonding performance
- Strong bond to a wide variety of low surface energy materials and high heat resistance
- High tensile strength and good converting performance
- Heavyweight and stiffness allow for easy handling



CONSTRUCTION:

Liner:

Natural 12 Pt Board

Adhesive:

Rubber

Carrier:

Polyester

Adhesive:

Acrylic

FT 8392 12 Pt Board

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		12.5	0.32	320
Adhesive - Unwind		1.6	0.04	40
Carrier		0.5	0.01	15
Adhesive - Liner		1.5	0.04	40
Total Caliper without Liner:		3.6	0.09	95
Total Caliper:		16.1	0.41	415

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	8.0	1,400
	Unwind	5.5	960
ABS	Liner	7.0	1,230
PP	Liner	5.0	880

LOOP TACK Test Method(s): PSTC-16

2 mil PET Initial 20 in / min (508 mm / min)

Substrate		Lbf / In	N / Meter
SS	Liner	13.0	2,280

STATIC SHEAR Test Method(s): PSTC-107, ASTM D 3654

2 mil PET 72 hr dwell 1" sq (6.5 cm2) 1000 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	175° F	80° 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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