FT 8392

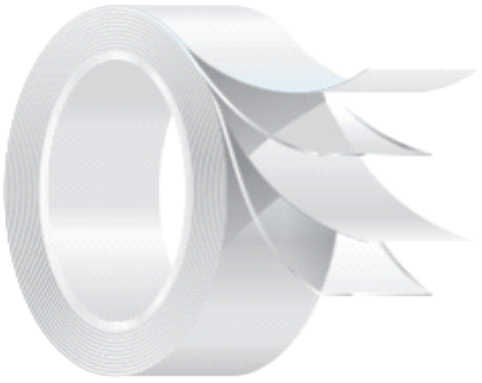
Avery Dennison™ FT 8392 is a 3.6 mil double coated polyester with a foam bonding modified acrylic adhesive on the laminating side and a high shear rubber adhesive on the mounting side. It is designed for bonding a wide variety of foams and fabrics to low surface energy materials. FT 8392 is commonly 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
- Super calendered kraft 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
- High tensile strength and tear resistance with excellent die cutting performance
- Two-year warranty



CONSTRUCTION:

Liner:
80# White Kraft
Adhesive 1:
Rubber
Carrier:
Polyester
Adhesive 2:
Acrylic

FT 8392

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	**US Mils**	**MM's**	**Micron's (µm)**
Liner		4.4	0.11	112
Adhesive 1 - Liner		1.6	0.04	41
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		1.7	0.04	43
Total Caliper without Liner:		3.8	0.10	97
Total Caliper:		8.2	0.21	208

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min	@ Room Temp			
Substrate			**Lbf / in**	**N / Meter**
SS	Liner	72 hr dwell	8.0	1,409
	Unwind		5.5	969
ABS	Liner	72 hr dwell	7.0	1,233
PP	Liner	72 hr dwell	5.0	881

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min	@ Room Temp			
Substrate			**Lbf / in**	**N / Meter**
SS	Liner	Initial	13.0	2,289

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 1000 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	175° F	80° 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 64-72ºF (18-22ºC) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to 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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