



FT 9302 SF

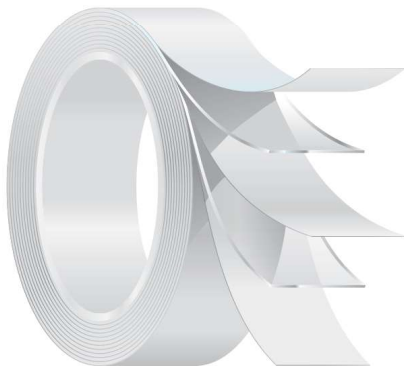
Avery Dennison FT 9302 SF is a 5.7 mil double coated polyester with a silicone adhesive on the laminating side and a modified acrylic adhesive on the mounting side and a double liner system. It is designed for bonding silicone foams and rubber adhesive to medium and high surface energy materials. FT 9302 SF is commonly used in automotive and general industrial applications.

FEATURES:

- Double lined, double coated tape construction with a differential adhesive system
- Multipurpose silicone adhesive on the laminating side
- Modified acrylic adhesive for low surface energy substrates on the mounting side
- Polyester film carrier
- Poly coated kraft primary release liner and polyester process liner

BENEFITS:

- Dimensional stability and good die cutting characteristics
- Strong bond to silicone rubber and silicone foam
- Strong bond to low surface energy materials
- High tensile strength and good converting performance
- Good moisture stability and lay flat properties



CONSTRUCTION:

Liner 1:

84# Natural Poly Coated Kraft

Primary Liner:

Acrylic

Carrier:

Polyester

Adhesive:

Silicone

Process Liner:

2.0 mil Polyester

FT 9302 SF

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Primary Liner		5.6	0.14	140
Adhesive - Unwind		2.5	0.06	65
Carrier		0.9	0.02	25
Adhesive - Liner		2.3	0.06	60
Process Liner		2.0	0.05	50
Total Caliper without Liner:		7.7	0.20	200
Total Caliper:		13.3	0.34	340

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	6.0	1,050	
	Unwind	8.0	1,400	
ABS	Liner	5.5	960	
	Unwind	8.0	1,400	

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET	Initial	20 in / min (508 mm / min)		
Substrate		Lbf / In	N / Meter	
SS	Liner	6.0	1,050	

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	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

- 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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