



## FT 9302 SF

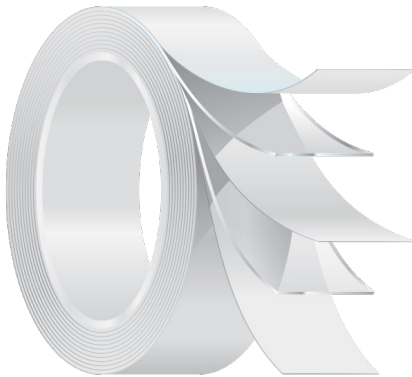
Avery Dennison FT 9302 SF is a 5.7 mil double coated polyester with a silicone adhesive on the laminating side and a modified acrylic adhesive on the mounting side and a double liner system. It is designed for bonding silicone foams and rubber adhesive to medium and high surface energy materials. FT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

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.

© 2017 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. All other Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.

Performance  
Tapes

Asia Pacific  
Kunshan, China,  
NO. 618 Nanhe Road  
Kunshan Economic &  
Technological Zone  
China, 215335  
Phone: +86 512 57155001  
Fax: +86 512 57155059

Europe  
Tieblokkenlaan 1  
B-2300 Turnhout  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

North America  
250 Chester Street  
Painesville, Ohio  
44077 USA  
Phone: +1 866-462-8379  
Fax: +1 888-358-4469