



FT 9302 SF

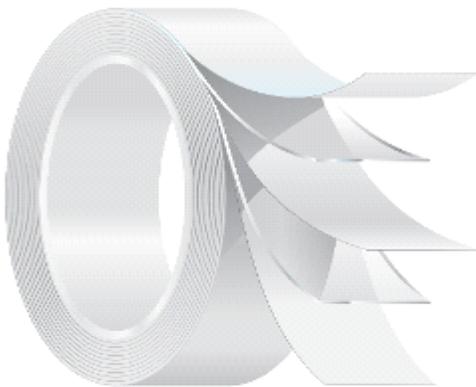
Avery Dennison™ FT 9302 SF is a 5.7 mil double coated polyester with a silicone adhesive on the laminating side and a modified acrylic adhesive on the mounting side and a double liner system. It is designed for bonding silicone foams and rubber adhesive to medium and high surface energy materials. FT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



CONSTRUCTION:

Liner 1 (Easy):

84# Natural Poly Coated Kraft

Adhesive 1:

Acrylic

Carrier:

Polyester

Adhesive 2:

Silicone

Liner 2 (Tight):

2 mil Polyester

FT 9302 SF**Adhesive Properties:****Typical Values**

Thickness	ASTM D3652	US Mil's	MM's	Micron's (µm)
Liner 1 Easy		5.6	0.14	142
Adhesive 1 - Liner		2.2	0.06	56
Carrier		1.0	0.03	25
Adhesive 2 - Unwind		2.6	0.06	65
Total Caliper without Liner:		5.8	0.15	146
Total Caliper:		13.4	0.34	339

Peel Adhesion

ASTM D3330

180° 12 in (300 mm) min @ Room Temp

Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	6.0	1,057
	Unwind		8.0	1,409

Peel Adhesion

ASTM D3330

180° 12 in (300 mm) min @ Room Temp

Substrate			Lbf / in	N / Meter
ABS	Liner	72 hr dwell	5.5	969
	Unwind		8.0	1,409

Loop Tack

ASTM D6195

180° 32 in (508 mm) / min @ Room Temp

Substrate			Lbf / in	N / Meter
SS	Liner	Initial	6.0	1,057

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	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

- Two years 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 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.

© 2020 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