



FT 9302A

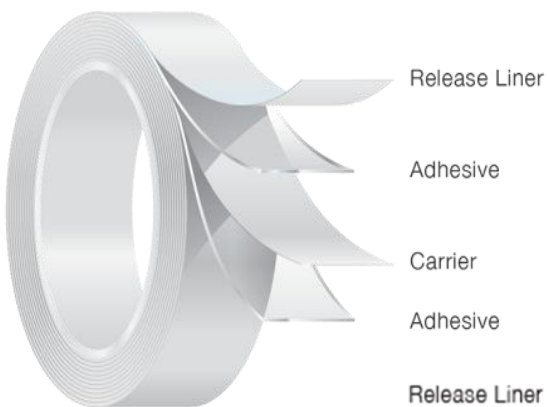
FT 9302A is an economical differential polyester tape, with high temperature resistance. It is specially designed differential tape with acrylic adhesive on one side and silicone adhesive on the other.

FEATURES:

- Specially designed differential tape with acrylic adhesive on one side and silicone adhesive on the other
- Uniform adhesive thickness
- Polyester carrier
- Uniform adhesive thickness

BENEFITS:

- Provides excellent bonding to silicone rubber with its silicone adhesive and other metals and to plastics with its acrylic adhesive. Eliminates the need of using primer.
- Consistent application performance
- Offers good conformability and ease of die-cutting
- Facilitates easy removal at point of application



CONSTRUCTION:

Liner 1 (Outside):

Clear Polyester

Adhesive 1 Liner:

Silicone

Carrier:

Polyester

Adhesive 2 Uwind:

Acrylic

Liner 2 (Inside):

White Polyester

FT 9302A

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Micron's (µm)
Liner1:		2.0	0.05	51
Carrier and Adhesives:		4.0	0.10	102
Liner 2:		2.0	0.05	51
		8.0	0.20	203.2

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET 180° 12" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Acrylic Side 20 min dwell	6.2	99	1086
	Silicone Side 20 min dwell	2.9	46	508
ABS	Acrylic Side 20 min dwell	4.6	74	805
	Silicone Side 20 min dwell	3.0	48	525

TENSILE		Test Method(s): PSTC-131, ASTM D-882, STD-3A,B,C		
Product 180°				
Substrate		Lbf / In	US Oz / In	N / Meter
Product		38.8	621	6799

ELONGATION		Test Method(s): PSTC-131, ASTM D-882, STD-3A,B,C		
Product 180°				
Substrate		%		
Product		120.0		

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm2) 1000 g				
Substrate		Min to Fail		
SS	Liner	> 10,000		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	248 ° F	120 ° C
Max Intermittent Operating Temp		

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.

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