



FM Y422A

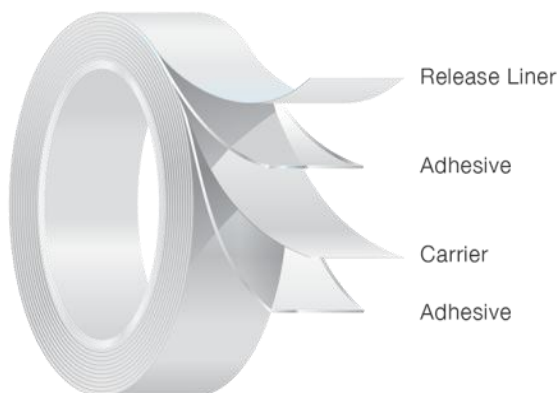
Avery Dennison FM Y422A is a white foam tape with a double coated acrylic adhesive on both sides. It has good tack and very high shear properties. FM Y422A is suitable for lens grinding applications.

FEATURES:

- Specially formulated acrylic adhesive system
- Closed cell polyethylene foam carrier with high internal strength
- High release liner

BENEFITS:

- Excellent resistance to solvents, chemicals, moisture, temperature and UV-light
- Provides conformability to irregular surfaces as well as easy die cutting
- Enables easy conversion into pads and die cut shapes



CONSTRUCTION:

Liner:

Blue-green Glassine

Adhesive 1 Liner:

Acrylic

Carrier:

White Closed-cell Polyethylene Foam

Adhesive 2 Uwind:

Acrylic

FM Y422A

Adhesive Properties:		Typical Values	
Thickness	Test Method(s): PSTC-133	US Mils	MM's
Liner:		3.3	0.08
Adhesives and carrier:		35.4	0.90
Total Caliper:		38.8	0.99

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10			
Aluminum Foil 180° 12" min					
Substrate		Lbf / In		US Oz / In	N / Meter
SS	Liner	Initial	> 7.0	112	1226
	Unwind	Initial	> 7.0	112	1226
Painted Steel	Liner	Initial	> 7.0	112	1226
	Unwind	Initial	> 7.0	112	1226
Polycarbonate	Liner	Initial	> 7.0	112	1226
	Unwind	Initial	> 7.0	112	1226
Polypropylene	Liner	Initial	> 7.0	112	1226
	Unwind	Initial	> 7.0	112	1226

TENSILE		Test Method(s): ASTM D-412 Die C		
Product 180°				
Substrate		Lbf / In	US Oz / In	N / Meter
Product		7.4	119	1299

ELONGATION		Test Method(s): ASTM D-412 Die C		
Product 180°				
Substrate		%		
Product		250		

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Aluminum Foil	1" sq (6.5 cm2)	2500 g		
Substrate	Min to Fail			
Product	Liner	> 10,000		
	Unwind	> 10,000		

TEMPERATURES		° F	° C
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		194 ° F	90 ° C
Short Term Temp (240 mins)		212 ° F	100 ° 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.

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