



FBA 7918 GL

Avery Dennison FBA 7918 GL is a 3.6 mil double coated scrim with a low VOC modified acrylic adhesive. It bonds well to low surface energy materials and has excellent foam bonding properties. FBA 7918 GL is commonly used for general industrial foam bonding and where low VOC properties are required.

FEATURES

- Reinforced adhesive
- Low outgassing modified acrylic adhesive
- Polyester scrim reinforcement
- Glassine release liner

BENEFITS

- Solvent free adhesive with excellent foam bonding performance
- Conformability and resistance to stretching with good converting performance
- Dimensional stability and excellent water jet and die cutting performance



CONSTRUCTION:

Liner:

Yellow Glassine

Adhesive 1:

Low VOC Acrylic

Carrier:

Scrim Reinforcement

Adhesive 2:

Low VOC Acrylic

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Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.0	0.08	76
Adhesive 1 - Liner		1.8	0.05	46
Carrier		SCRIM		
Adhesive 2 - Unwind		1.8	0.05	46
Total Caliper without Liner:		3.6	0.09	91
Total Caliper:		6.6	0.17	168

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	72 HR DWELL	6.5	1,145
	Unwind		6.5	1,145
PP	Liner	72 HR DWELL	6.0	1,057
	Unwind		6.0	1,057

Loop Tack		ASTM D6195		
180° 28 in (508 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	INITIAL	4.0	704

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm ²) 500 g @ Room Temp				
Substrate			Min to Fail	
SS	Liner	72 HR DWELL	> 1,000	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	250° F	120° 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.

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