



# FASSON® 0827

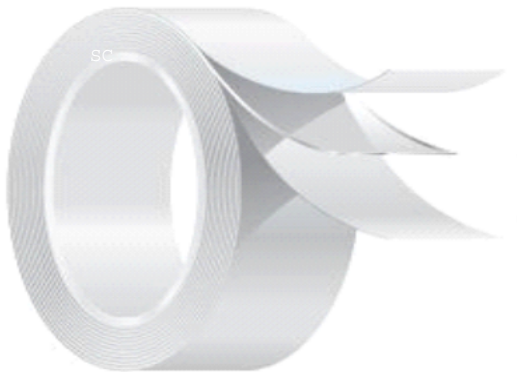
Avery Dennison™ FASSON® 0827 is suitable for die-cut shapes, shielding, moisture and vapor barrier sealing components or lamination to insulation materials.

## FEATURES

- High-strength reinforced 6.5 mil FSK facestock
- Quick stick, cold-temperature rubber adhesive
- Exceptional cold environment adhesion

## BENEFITS

- Strong bond to a variety of substrates
- Tri-directional FSK reinforces seal
- Tested in accordance with UL 723
- Made in the USA



## CONSTRUCTION:

### Liner:

50# White Kraft

### Adhesive:

Rubber

### Carrier:

Scrim Aluminum Foil



General Use Tape Surface Burning Characteristics to

UL 723	Flame Spread	10
722S	Smoke Developed	15

**FASSON® 0827****Adhesive Properties:****Typical Values**

Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.2	0.08	81
Adhesive		2.0	0.05	51
Carrier		6.5	0.17	165
Total Caliper without Liner:		8.5	0.22	216
Total Caliper:		11.7	0.30	297

**Peel Adhesion** ASTM D3330

180° 12 in (300 mm) min @ Room Temp

Substrate		Lbf / in	N / Meter
SS	Initial	5.0	881

**Loop Tack** ASTM D6195

180° 20 in (508 mm) / min @ Room Temp

Substrate		Lbf / in	N / Meter
SS	Initial	12.0	2,113

**Static Shear** ASTM D3654180° 1" sq (6.5 cm<sup>2</sup>) 1000 g @ Room Temp

Substrate		Min to Fail	
SS	Initial	> 10,000	

**Tensile** ASTM D882

180° 0.5 in (12.7 mm) / min @ Break @ Room Temp

Substrate		Lbf / in	N / Meter
Product	MD	40.0	7,044
		%	
	Elongation %	1.0	
Product	CD	25.0	4,403
		%	
	Elongation %	1.0	

**TEMPERATURES**

	° F	° C
Minimum Application Temperature	50° F	10° C
Maximum Continuous Operating Temperature	175° F	79° C
Maximum Intermittent Operating Temperature	200° F	95° 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 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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