

TECHNICAL DATA SHEET

Avery Dennison™ HPA™ 2925 is used for applications requiring good 'holding power' under load. Good temperature, chemical and environmental resistance.

FEATURES

- Highly engineered modified acrylic adhesive
- Specially developed cross-linking system
- Easy release polyethylene protected liner

BENEFITS

- Ensures an immediate initial adhesion on wide range substrates, especially plastics
- Outstanding resistance to solvents, chemicals, plasticizers, moisture, temperature and UV-light
- High temperature holding power
- Excellent adhesion on wide range of substrates, including LSE surfaces
- Facilitates easy removal at point of application
- Combines a high degree of moisture stability with excellent die-cutting properties



CONSTRUCTION

Liner: White polyethylene protected paper with red Avery Dennison imprint

Adhesive: High performance acrylic (HPA™)



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		4.72	0.120	120
Adhesive		4.33	0.110	110
Total Caliper		9.05	0.230	230
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell			0
	72 hr dwell	6.3	100	1100
Polycarbonate	20 min dwell			0
	72 hr dwell	5.7	91	1000
Painted Steel	20 min dwell			0
	72 hr dwell			
Polypropylene	20 min dwell			0
	72 hr dwell	4.6	73	800
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	8.0	128	1400
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Foil; 1" sq (6.5 cm ²); 1000 g	Initial	> 10000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Maximum Continuous Operating Temperature			266 °F	130 °C
Maximum Intermittent Operating Temperature			329 °F	165 °C

Note: The listed values are typical only 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.

For more information on our bonding tapes and adhesive solutions, call us:

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Asia Pacific: +86 512 57155001

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www.tapes.averydennison.com