

TECHNICAL DATA SHEET

Avery Dennison™ HPA 2922

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 UVlight
- 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: Modified acrylic adhesive

Carrier: HPA 2922 is a 50 micron unsupported adhesive film



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		4.92	0.125	125
Adhesive		1.97	0.050	50
Total Caliper		6.89	0.175	175
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / 25 MM
Stainless Steel	20 min/24 hr dwell	2.86 / 4.27	46 / 68	12.5 / 18.7
Polycarbonate	20 min/24 hr dwell	3.14 / 3.13	550 / 548	13.75 / 13.7
Polyethylene	20 min/24 hr dwell	2.28 / 2.51	37 / 40	10 / 11
Rigid Polypropylene	20 min/24 hr dwell	2.28 / 3.77	37 / 60	10 / 16.5
PMMA	20min/24 hr dwell	3.65 / 3.65	58 / 58	16 / 16
ABS	20min/24 hr dwell	3.43 / 4.27	55 / 68	15 / 18.7
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	5.94	95	26
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 10.000 min		
TEMPERATURES			°F	°C
Application (minimum)			50 °F	+10 °C
Service (continuous)			-40 °F	-40 °C to +130 °C
Short term			266°F	+200 °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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www.tapes.averydennison.com