



## HPA™ 1902

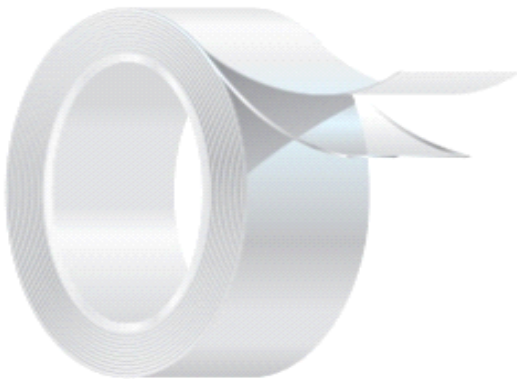
Avery Dennison™ HPA™ 1902 is a 2.4 mil transfer tape with a high performance acrylic adhesive. It bonds well to medium and high surface energy plastics and metals. HPA™ 1902 is commonly used for signage and graphics and general industrial applications.

### FEATURES

- Unsupported adhesive
- Multipurpose HPA™ high performance acrylic adhesive
- Poly coated kraft release liner
- UL 969 recognized component

### BENEFITS

- Highly conformable to curved or irregular surfaces
- High holding power to high and medium surface energy materials
- Excellent resistance to solvents and heat
- Good moisture stability and lay flat properties
- Two-year warranty



### CONSTRUCTION:

#### Liner:

84# Natural Poly Coated Kraft (Printed)

#### Adhesive:

HPA™ High Performance Acrylic (HPA™)

**HPA™ 1902****Adhesive Properties:****Typical Values**

Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		5.6	0.14	142
Adhesive		2.4	0.06	61
Total Caliper without Liner:		2.4	0.06	61
Total Caliper:		8.0	0.20	203

**Peel Adhesion**

ASTM D3330

180° 12 in (300 mm) min @ Room Temp

Substrate		Lbf / in	N / Meter
SS	72 hr dwell	4.0	704
ABS	72 hr dwell	4.0	704

**Loop Tack**

ASTM D6195

180° 21 in (508 mm) / min @ Room Temp

Substrate		Lbf / in	N / Meter
SS	Initial	4.0	704

**Static Shear**

ASTM D3654

180° 1" sq (6.5 cm<sup>2</sup>) 1000 g @ Room Temp

Substrate		Min to Fail	
SS	24 hr dwell	> 10,000	

**TEMPERATURES**

	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	400° F	205° 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](http://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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