



HPA™ 1902

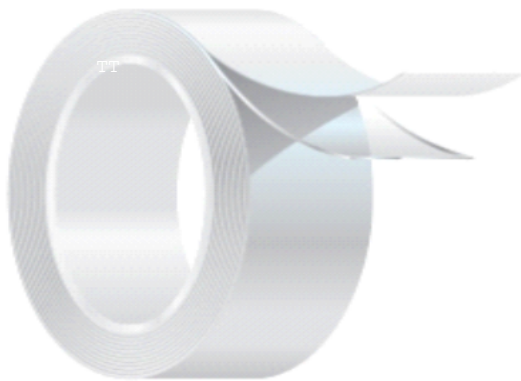
Avery Dennison™ HPA™ 1902 is a 2.4 mil transfer tape with a high performance acrylic adhesive. It bonds well to medium and high surface energy plastics and metals. HPA™ 1902 is commonly used for signage and graphics and general industrial applications.

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



CONSTRUCTION:

Liner:

84# Natural Poly Coated Kraft (Printed)

Adhesive:

HPA™ High Performance Acrylic

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 (305 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	72 hr dwell	4.0	704	

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180° 12 in (305 mm) / min				
Substrate		Lbf / In	N / Meter	
ABS	72 hr dwell	4.0	704	

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Initial	4.0	704	

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 1000 g @ Room Temp				
Substrate		Mins to Fail		
SS	24 hr dwell	> 10,000		

TEMPERATURES	° F	° C
Minimum Application Temperature	0° F	-18° 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

- 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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Performance
Tapes

Asia Pacific
Kunshan, China,
NO. 618 Nanhe Road
Kunshan Economic &
Technological Zone
China, 215335
Phone: +86 512 57155001
Fax: +86 512 57155059

Europe
Tieblokkenlaan 1
B-2300 Turnhout
Belgium
Phone: +32 (0)14 40 48 11
Fax: +32 (0)14 40 48 55

North America
250 Chester Street
Painesville, Ohio
44077 USA
Phone: +1 866-462-8379
Fax: +1 888-358-4469