



HPA™ 1905 PET

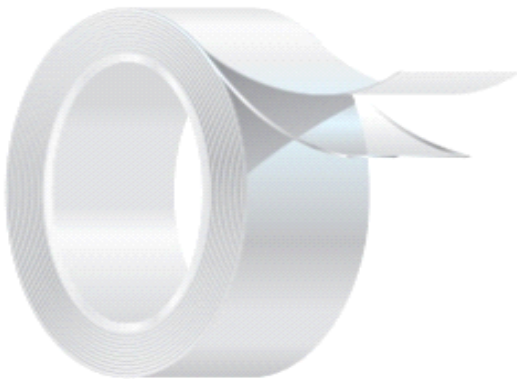
Avery Dennison™ HPA™ 1905 PET is a 4.9 mil transfer tape with a high performance acrylic adhesive and a polyester release liner. It bonds well to medium and high surface energy plastics and metals. HPA™ 1905 PET is commonly used for signage and graphics and general industrial applications.

FEATURES

- Unsupported adhesive
- Multipurpose HPA™ high performance acrylic adhesive
- Polyester film 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
- Excellent moisture stability and die cutting properties with good converting performance
- Two-year warranty



CONSTRUCTION:

Liner:

2 mil Clear PET

Adhesive:

HPA™ High Performance Acrylic (HPA™)

HPA™ 1905 PET**Adhesive Properties:****Typical Values**

Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		2.0	0.05	51
Adhesive		4.9	0.12	124
Total Caliper without Liner:		4.9	0.12	124
Total Caliper:		6.9	0.18	175

Peel Adhesion

ASTM D3330

180° 12 in (300 mm) min @ Room Temp

Substrate		Lbf / in	N / Meter
SS	72 hr dwell	4.5	792
ABS	72 hr dwell	4.5	792

Loop Tack

ASTM D6195

180° 24 in (508 mm) / min @ Room Temp

Substrate		Lbf / in	N / Meter
SS	Initial	6.0	1,057

Static Shear

ASTM D3654

180° 1" sq (6.5 cm²) 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 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.

© 2020 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. All other Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.

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