



HPA 9392

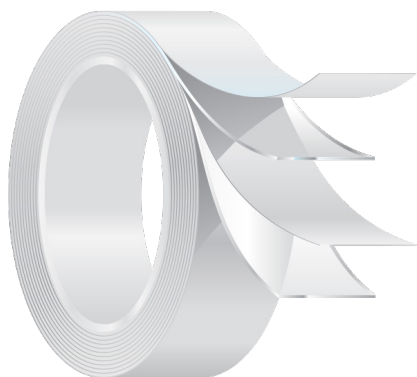
Avery Dennison HPA 9392 is a 2.5 mil double coated polyester with a high performance acrylic adhesive. It bonds well to medium and high surface energy plastics and metals. HPA 9392 is commonly used for signage and graphics and general industrial applications.

FEATURES:

- Double coated tape construction
- Multipurpose HPA™ high performance acrylic adhesive
- Polyester film carrier
- Poly coated kraft release liner

BENEFITS:

- Dimensional stability and good die cutting characteristics
- High holding power to high and medium surface energy materials
- Excellent resistance to solvents and heat
- High tensile strength and good converting performance
- Good moisture stability and lay flat properties

**CONSTRUCTION:****Liner:**

61# Natural Poly Coated Kraft

Adhesive:

HPA™ High Performance Acrylic

Carrier:

Polyester

Adhesive:

HPA™ High Performance Acrylic

HPA 9392

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		4.3	0.11	110
Adhesive - Unwind		1.0	0.03	25
Carrier		0.5	0.01	15
Adhesive - Liner		1.0	0.03	25
Total Caliper without Liner:		2.5	0.06	65
Total Caliper:		6.8	0.17	175

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330		
2 mil PET	72 hr dwell	180°	12 in /min (305 mm / min)	
Substrate		Lbf / In		N / Meter
SS	Liner	4.0		700
	Unwind	4.0		700
ABS	Liner	4.0		700
	Unwind	4.0		700

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET	Initial	20 in / min (508 mm / min)		
Substrate		Lbf / In		N / Meter
	Liner	5.0		880

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654		
2 mil PET	72 hr dwell	1" sq (6.5 cm2)	1000 g	
Substrate		Mins to Fail		
	Liner	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

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.

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