



HPA™ 9353

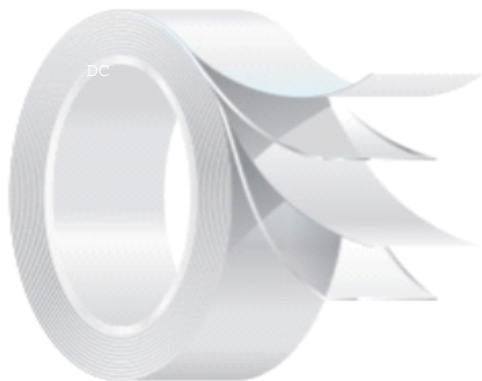
Avery Dennison™ HPA™ 9353 was designed for bonding to a wide variety of engineered plastics, metals, paints and urethane foam substrates.

FEATURES

- Strong polyester carrier
- High performance acrylic based adhesives
- Excellent "holding power"

BENEFITS

- Ready made for die cutting
- Ease in slitting and processing
- Elevated temperature, plasticizer and solvent resistance
- Good foam bonding characteristics / improved with heat lamination



CONSTRUCTION:

Liner:

60# White Kraft

Adhesive 1:

Acrylic

Carrier:

Polyester

Adhesive 2:

Acrylic

HPA™ 9353

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.5	0.09	89
Adhesive 1 - Liner		1.8	0.05	46
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		1.8	0.05	46
Total Caliper without Liner:		4.1	0.10	104
Total Caliper:		7.6	0.19	193

Peel Adhesion		ASTM D3330		
180° 12 in (305 mm) / min				
Substrate		Lbf / In		N / Meter
SS	Liner	Initial	3.0	528
	Unwind		3.0	528
ABS	Liner	Initial	3.5	616
	Unwind		3.5	616
HIPS	Liner	Initial	2.5	440
	Unwind		2.0	352

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

Static Shear		ASTM D3654	
180° 1" sq (6.5 cm2) 1000 g @ Room Temp			
Substrate		Mins to Fail	
SS	Liner	Initial	> 1,000
	Unwind		> 1,000

TEMPERATURES		° F	° C
Minimum Application Temperature		0° F	-18° C
Maximum Continuous Operating Temperature		400° F	204° C
Maximum Intermittent Operating Temperature		450° F	230° 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](https://www.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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