



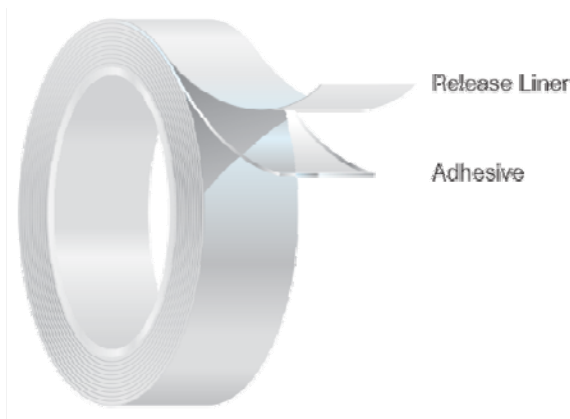
HPA 2905

FEATURES:

- Cross-linked acrylic adhesive
- Cohesive adhesive layer
- Polyethylene protected liner
- Easy release liner

BENEFITS:

- Provides a very high temperature resistance and a high chemical, UV- and moisture resistance
- Facilitates slitting and conversion
- Combines a high degree of moisture stability with excellent die-cutting properties.
- Enables smooth removal during application



CONSTRUCTION:

Liner:

White Poly-coated Kraft With Red Avery Dennison Logo

Adhesive:

Acrylic

HPA 2905

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		4.9	0.12	124
Adhesive:		4.9	0.12	124
Total Caliper:		9.8	0.25	249

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET 180° 12" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	20 min dwell	3.0	48	520
	24 hr dwell	3.3	53	580
Polycarbonate	20 min dwell	3.1	49	539
	24 hr dwell	3.5	57	620
Polyester	20 min dwell	4.6	73	800
	24 hr dwell	5.9	95	1040
Polypropylene	20 min dwell	1.6	26	280
	24 hr dwell	1.7	27	299
ABS	20 min dwell	3.3	53	580
	24 hr dwell	3.9	62	679
Painted Steel	20 min dwell	1.9	31	340
	24 hr dwell	2.6	42	461

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 180° 20" / min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Initial	6.6	106	1159

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm ²) 1000 g				
Substrate		Min to Fail		
SS	Initial	> 10,000		

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm ²) 1000 g				
Substrate		Min to Fail		
SS	@ 200°C / 392°F	> 10,000		

SAFT		Test Method(s): ASTM D 3654, STD-243		
Aluminum Foil 1" sq (6.5 cm ²) 1000 g				
Substrate		Min to Fail	Fail Temp °F	Fail Temp °C
SS	@ 200°C / 392°F	552	455	235

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	392 ° F	200 ° C
Max Intermittent Operating Temp	455 ° F	235 ° 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.

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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

South America
Rua Francisco Foga, 225
13280-000 Vinhedo
SP Brazil
Phone: +55 19 3876 7736
Fax: +55 19 3876 7682

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