



HPA 1934

Avery DennisonTM HPA 1934 is a single lined transfer tape specifically developed for heavy duty bonding applications requiring a high shear performance and/or moisture, chemical, UV or temperature resistance

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



CONSTRUCTION:

Adhesive:

Cross-linked acrylic adhesive

Liner:

PEK liner with red Avery Dennison imprinted logo

HPA 1934

Adhesive Properties	Typical Values			
	US Mils		mm	Microns (µm)
THICKNESS				
Adhesive	3.94		0.100	100
Liner	4.53		0.115	115
Total	8.46		0.215	215
*PSTC-133				
PEEL ADHESION				
2 mil PET; 90°; 12" / min; 50µm Al				
Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	3.4	4.0	15	18
Polypropylene	2.9	2.9	13	13
*PSTC-101, ASTM D-3330, STD-10				
LOOP TACK				
2 mil PET; 90°; 20" / min; 1" sq (6.5 cm ²)				
Substrate	Lbf / in		N / 25mm	
Stainless steel	5.8		26	
*PSTC-16, STD-7				
STATIC SHEAR				
Min to Fail				
Foil; 1" sq (6.5 cm ²); 1000 g	>10,000 min			
*PSTC-107, ASTM D 3654, STD-9				
TEMPERATURES				
Min. Application Temp.	50 ° F		10 ° C	
Max. Continuous Operating Temp.	400 ° F		204 ° C	
Max. Intermittent Operating Temp.	450 ° F		232 ° C	
*TEST METHODS				

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE AND SHELF LIFE

The shelf life of the product is two years when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, 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.

© 2016 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

For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com