



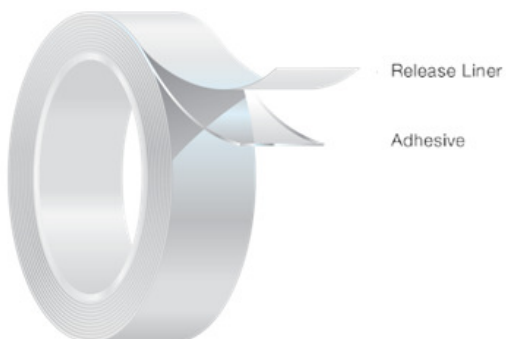
HPA 1903W

FEATURES:

- Cross-linked high performance 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 polyethylene protected paper

Adhesive:

Cross-linked acrylic adhesive

Adhesive Properties	Typical Values		
THICKNESS	US Mils	mm	Microns (µm)
Adhesive	1.57	0.040	40
Liner	4.92	0.125	125
Total	6.50	0.165	165
*PSTC-133			
PEEL ADHESION			
2 mil PET; 180º; 12" / min			
Substrate	Lbf / in	N / Meter	
	72 hr	72 hr	
Stainless steel	2.76	484	
ABS	2.91	510	
Polypropylene	1.46	256	
*PSTC-101, ASTM D-3330, STD-10			
LOOP TACK			
2 mil PET; 90º; 20" / min; 1" sq (6.5 cm²)			
Substrate	Lbf / in	N / Meter	
Stainless steel	2.28	400	
Finat tack	2.28	400	
*PSTC-16, STD-7			
STATIC SHEAR RESISTANCE			
1 kg	>10,000 min		
1 kg / 200 °C	>10,000 min		
*Finat 8 – PSTC 7			
SAFT			
1 kg – 0.5 °C/min	>235 °C		
*ASTM D4498			
TEMPERATURES			
Min. Application Temp.	50 °F	10 °C	
Min. Service Temp.	-40 °F	-40 °C	
Max. Service Temp.	392 °F	200 °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.

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