



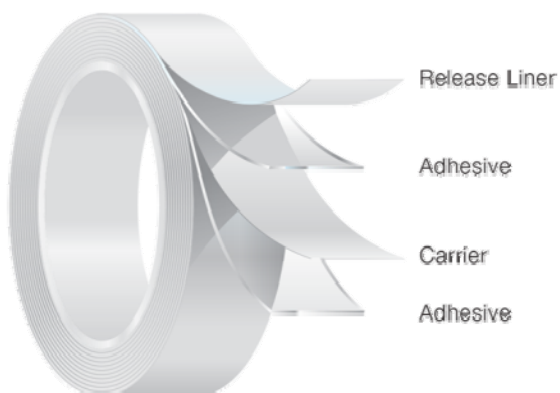
HPA 9301

FEATURES:

- Pure acrylic adhesive
- Specially developed cross-linking system
- Remoisturised liner
- Clear adhesive and carrier

BENEFITS:

- Outstanding resistance to solvents, chemicals, plasticizers, moisture, temperature and UV-light
- High temperature holding power
- Excellent adhesion on wide range of substrates, including LSE surfaces
- Facilitates easy removal at point of application
- Good moisture and dimensional stability
- High degree of transparency
- Very good handling and conversion (diecutting) characteristics
- Optimum convertability



CONSTRUCTION:

Liner:

Polyester

Adhesive 1 Liner:

Acrylic

Carrier:

Polyester

Adhesive 2 Uwind:

Acrylic

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Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		1.4	0.04	36
Carrier & Adhesives:		0.5	0.01	12
Total Caliper:		1.9	0.05	47

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
Aluminum Foil	90° 12" min			
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Liner Initial	0.8	13	140
	Unwind Initial	0.6	9	100
PP	Liner Initial	0.1	2	19
	Unwind Initial	0.1	1	16
Polycarbonate	Liner Initial	0.8	13	140
	Unwind Initial	0.5	7	81
PE	Liner Initial	0.1	1	16
	Unwind Initial	0.1	1	12
PMMA	Liner Initial	0.8	13	140
	Unwind Initial	0.5	7	81
ABS	Liner Initial	0.7	11	121
	Unwind Initial	0.5	7	81

LOOP TACK		Test Method(s): PSTC-16, STD-7		
Aluminum Foil	20" min			
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Liner Initial	1.0	16	180
	Unwind Initial	1.1	17	184

DYNAMIC SHEAR		Test Method(s): ASTM D-1002, STD-27		
Aluminum Foil	180° 2" min			
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Liner Initial	40.5	648	7086

TEMPERATURES		° F	° C
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		266 ° F	130 ° C
Max Intermittent Operating Temp		392 ° F	200 ° 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.

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