

Product Data Sheet

ACP PSA Laminates

502 Veronica Lustre
 503 Matte Dillon
 504 Gloria Glossy
 510 Billie Crystal

Description

A series of pressure sensitive products used for mounting and protecting photographic and digital prints. This includes ink jet prints from large format ink jet printers. ACP laminates work with all brands of pressure sensitive lamination machines that utilize a nip roller pressure system with two rubberized rollers. Heat is not required for quality results. But 110 degree F. heat enables faster throughput speeds. Do not use heat sources over 150 degrees F.

ACP laminates use PVC face stock films. The 502, 503, and 504 products are flexible PVC films at 3.2 mil thickness. The 510 is a rigid PVC film with a calliper of 4 mil thickness.

A clear water-based acrylic adhesive at 0.75 micron thicknesss. It is a high tack, fast bonding adhesive that adheres to all popular digital and photographic materials. This includes PE photo papers, vinyls (both smooth and scrim), coated papers, polyester, and polypropylene surfaces.

ACP laminates are suitable for both outdoor and indoor use for three years. However, the digital image may not last as long as the laminate film in terms of discoloration or color shift. ACP laminates are influential in extending the durability and fade resistance of photographic and digital images. Commonly users find the ACP laminates extend the fade resistance and by at least two times over an unprotected image. However, this longevity enhancement is not guaranteed by ACP.

Construction

Vinyl	PVC vinyl film
Adhesive	water-based acrylic, very clear, pressure sensitive 23 gr/m2
Backing Paper	One side siliconized 55 lb. white unprinted paper

Face Film specifications

Type of film	Prod. Code	Thickness	Color
PVC	502	75 micron	lustre
PVC	503	75 micron	matte
PVC	504	75 micron	glossy
PVC	510	100 micron	crystal

Roll Width

38 inch
43 inch
51 inch
55 inch
61 inch

Roll length

150' length
300' length

Heat Resistance

Applications temperature range	60 degrees F. / 110 degrees F.
End use temperature range	-22 degrees F. / 158 degrees F.

UV absorption

Type:		UV-absorption: UV-A	UV-absorption: UV-B
75 micron semi-matt	6502	Appr. 85 %	100 %
75 micron matt	6503	Appr. 85 %	100 %
75 micron super-glossy	6504	Appr. 85 %	100 %
100 micron sand	6510	Appr. 75 %	Appr. 88 %

The visible daylight is between 400 nm and 700 nm.
CIE Definition for UV-A = wavelength from 400 nm to 315 nm
UV-B = wavelength from 315 nm to 280 nm
UV-B is more aggressive than UV-A.

Product Codes

Width	Lustre	Matte	Gloss	Crystal
38" X 150'	502-38-150	503-38-150	504-38-150	510-38-150
38" X 300'	502-38-300	503-38-300	504-38-300	510-38-300
43" X 150'	502-43-150	503-43-150	504-43-150	510-43-150
43" X 300'	502-43-300	503-43-300	504-43-300	510-43-300
51" X 150'	502-51-150	503-51-150	504-51-150	510-51-150
51" X 300'	502-51-300	503-51-300	504-51-300	510-51-300
55" X 150'	502-55-150	503-55-150	504-55-150	510-55-150
55" X 300'	502-55-300	503-55-300	504-55-300	510-55-300
61" X 150'	502-61-150	503-61-150	504-61-150	510-61-150
51" X 300'	502-61-300	503-61-300	504-61-300	510-61-300

Important Notice

These specifications and performance values are intended as a source of information and are given without guarantee and do not constitute a warranty. Specifications of ACP products are subject to revision and change without prior notice through this data sheet. Purchasers should independently determine, prior to use the suitability of ACP laminate products for their specific purpose.

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