

# Avery Dennison® PC 500 Promotional Calendered Series

Opaque Permanent Kraft  
(formerly: A4 Opaque Series – 78# )  
Revision: 4 Dated: 11/30/15

## Uses:

Avery Dennison® PC 500 Promotional Calendered Opaque is an intermediate flexible, high gloss calendered vinyl designed for use on computer sign cutting equipment. This construction provides an attractive appearance and easy cutting, weeding and transferring characteristics for promotional signage applications.



**Face:** 3.2 mil (81 microns) high gloss calendered film



**Adhesive:** Permanent Clear Acrylic



**Liner:** 78# Bleached Kraft



**Durability:** Up to 4 years

## Application Surfaces:

Flat, Simple Curves

## Features:

- Medium durability and outdoor performance
- Dimensionally stable liner for easy converting
- High gloss finish
- Excellent conversion on CAD plotters
- Easy cutting & weeding
- Good dimensional stability
- Good UV, temperature, humidity, and salt-spray resistance

## Conversion:

- Thermal Die-Cutting
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Thermal Transfer

## Common Applications:

- Trucks
- Trailers
- Cars & Vans
- Banners
- Architectural Signage
- Directional Signage
- Trains & light rail
- Buses
- Outdoor advertising

## Product Data Sheet

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### Physical Characteristics:

Property	Typical Values
Caliper, face	3.2 mil (81 µm)
Caliper, adhesive	1.0mil (25 µm)
Dimensional stability	<0.04"(1.016 mm)
Tensile at Yield	4.0 -8.0 lb/in (0.7 – 1.5 kg/cm)
Elongation	100% min.
Gloss	90% ± 10
Adhesion: 15 min.	3.0 lbs/in (525 N/m)
24 hr.	3.5 lbs/in (770 N/m)
Flammability	Self Extinguishing
Shelf-Life	2 years from date of manufacture when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H
Durability	Reference color charts in this data sheet.
Min. Application Temperature	50° F (10° C)
Service Temperature	-50° to 180 °F (-40° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance	Resistant to most mild acids, alkalis, and salt solutions.

Data represents average values where applicable, and is not intended for specification purposes.

#### Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics) and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's assent and agreement that Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison graphics products are warranted to be free from defects in material and workmanship for two years from the date of manufacture. When the product is properly applied, the warranty period is as stated in the product's specific Product Data Sheet in effect at the time of shipment to Avery Dennison's customer.

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### Colors Cross Reference:

KR = Kraft liner  
SF = StaFlat liner

PC500 Opaque Series Name	Item #'s	Vertical Durability Zone 1 Years
PC500-101-O White Perm KR (blue liner)	4001O	4
PC500-103-O Clear Perm KR	4003O	4
PC500-190-O Black Perm KR	4090O	4
PC500-220-O Canary Yellow Perm KR	4120O	4
PC500-355-O Apricot Perm KR	4155O	4
PC 500-359-O Pizazz Orange Perm KR	4159O	4
PC500-379-O Autumn Orange Perm KR	4179O	4
PC500-420-O Cherry Red Perm KR	4320O	4
PC500-430-O Cardinal Red Perm KR	4330O	4

PC500 Opaque Series Name	Item #'s	Vertical Durability Zone 1 Years
PC500-512-O Tropical Pink Perm KR	4412O	4
PC500-662-O Azure Blue Perm KR	4562O	4
PC500-683-O Royal Blue Perm KR	4583O	4
PC500-689-O Mariner Blue Perm KR	4589O	4
PC500-759-O Lime Perm KR	4659O	4
PC500-774-O Mountain Green Perm KR	4674O	4
PC500-785-O Forest Green Perm KR	4685O	4
PC500-801-O Silver Perm KR	4077O	2

### Discontinued Colors as of 01/01/16:

PC500 Opaque Series Name	Item #'s	Vertical Durability Zone 1 Years
PC500-105-O True White Perm KR (blue liner)	4005O	4
PC500-208-O Bright Yellow Perm KR	4108O	4
PC500-209-O Stone Yellow Perm KR	4109O	4
PC500-210-O Primrose Yellow	4110O	4
PC500-215-O Gold Perm KR	4270O	2
PC500-415-O Medium Red Perm KR	4317O	4
PC500-435-O Geranium Red Perm KR	4335O	4

PC500 Opaque Series Name	Item #'s	Vertical Durability Zone 1 Years
PC500-475-O Merlot Perm KR	4375O	4
PC500-655-O Medium Blue Perm KR	4555O	4
PC500-664-O Flex Blue Perm KR	4564O	4
PC500-675-O Interstate Blue Perm KR	4575O	4
PC500-697-O Dark Navy Blue Perm KR	4597O	4
PC500-773-O Cactus Green Perm KR	4673O	4

NOTE: Some color fade may occur in severe environmental areas. Reference IB 1.30 for durability guidelines.

Revisions are italicized

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