



SUN PROCESS

Product Information Data

SU-PRO® PP SERIES

FLEXIBLE MATTE WHITE POLYPROPYLENE FILM

SHEET CONVERTING

SERIES NUMBER
PP300W

MATERIAL THICKNESS
3.0 mil

WITH ADHESIVE
4.0 mil

Thickness \pm 10% including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: Polypropylene is a print treated matte white environmentally friendly film. It does not contain any EVA, heavy metals, or chlorine. Excellent dimensional stability for interior applications. All pressure sensitive adhesives remain stable once applied to film because there are no plasticizers present to affect their performance.

APPLICATION IDEAS: A cost effective substitute for most applications using PVC film, non-topcoated or topcoated. This film is print treated for most printing inks requiring surface treatment. Can be used for labels, decals, and signs. Excellent for labels requiring die cutting.

ADHESIVE: SP36 is a permanent acrylic pressure sensitive adhesive, specially formulated for use on PVC films. It resists plasticizer migration, which eliminates the need for added stabilization for most PVC films. This adhesive possesses good initial tack, peel, and shear values.

LINER: A 90 lb. poly flat white (PFW) release liner protects the adhesive prior to application and allows the polypropylene to remain flat in sheets.

PRODUCT VARIATIONS: This product is available with a variety of permanent and removable adhesives, as well as release liners. For specific applications, consult your Sun Process Sales Consultant.

ADHESION: (PSTC-101)*
180° peel value for SP36 permanent acrylic pressure sensitive adhesive.

DWELL TIME

Initial	75 oz./inch width
24 hours	80 oz./inch width
Ultimate	85 oz./inch width

(PSTC-107)*
Shear (hold) to 500 hours at 70°F (21°C)
No failure.

** Data are averages and are not to be used for specification purposes.*

DIMENSIONAL STABILITY:	Excellent. No measurable shrinkage on applied parts.
ABRASION RESISTANCE:	Good.
WATER RESISTANCE:	Good. Test piece aged 24 hours after application to stainless steel panel before testing. Not affected when immersed in 70°F(21°C) water for seven (7) days.
HUMIDITY RESISTANCE:	Excellent
SOLVENT RESISTANCE:	Good resistance to most petroleum solvents and lower aliphatic alcohols. Poor towards most esters and ketones.
SERVICE TEMPERATURE RANGE:	-20° F to 200 °F (-29°C to 93°C)
MINIMUM APPLICATION TEMPERATURE:	50°F(10°C)
COLORS AVAILABLE:	Matte White
STORAGE:	Store under normal conditions of 60°F to 80°F (16°C to 27°C) and 40-60% R.H. in the original carton.
SHELF LIFE:	To obtain best performance, use this product within twelve (12) months from date of manufacture.

ISO 9001:2015

This Sun Process product was manufactured under our quality system registered to ISO 9001:2015 standards

TECHNICAL INFORMATION

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Sun Process believes are reliable, but the accuracy or completeness of such information is not guaranteed. They do not relieve the purchaser from the responsibility of examining the products upon delivery or provide assurance of the products suitability for a particular purpose. Suitability for any given application is the sole responsibility of the user.

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