



SUN PROCESS

Product Information Data

SU-PRO® PRINTABLE WHITE BARRIER FILM ROLL CONVERTING

SERIES NUMBER
MPP300W

MATERIAL THICKNESS
3.0 mil

WITH ADHESIVE
4.0 mil

Thickness \pm 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: A 3.0 mil white print treated metallized polypropylene film has a built in opaque barrier to prevent any print 'show-through' characterized by durability, dimensional stability for indoor use.

APPLICATION IDEAS: MPP300W is a high quality, opaque film ideal for applications requiring labels to be printed on both sides, such as two-way window decals.

ADHESIVE: SP1-22W 1.1 mil white permanent acrylic emulsion pressure sensitive adhesive, which allows bonding to any smooth, clean, wax-free surface.

LINER: 40 lb. Glassine release liner, used for ultimate smoothness and flow-out of adhesive.

OPTION: 120 Gauge Clear PET liner.

ADHESION: (PSTC-101)* 180° peel values for SP1-22W acrylic emulsion pressure sensitive adhesive. Fifteen minute dwell time with 1 mil adhesive thickness.

MPP300W 55 oz./inch width

(PSTC-107)* shear adhesion, 1000 gram load on polyester film.
(1 inch²) with 1 mil adhesive thickness.

MPP300W 50 hours/no failure

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

DIMENSIONAL STABILITY:	Excellent. No measurable shrinkage on applied parts.
OPACITY:	This film will completely hide black legend upon application, and prevents 'show through' on two-way decals.
ABRASION RESISTANCE:	Good.
WATER RESISTANCE:	Excellent. 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 (-28°C to 93°C)
MINIMUM APPLICATION TEMPERATURE:	50°F (10°C)
COLORS AVAILABLE:	White Opaque MPP300W
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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