



SUN PROCESS

Product Information Data

SU-PRO® CV SERIES

CONFORMABLE CLEAR VINYL FILM

SERIES NUMBER
CV600F-SC

MATERIAL THICKNESS
6.0 mil

WITH ADHESIVE
7.0 mil

Thickness \pm 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: A gloss flexible soft crystal clear calendered vinyl film that provides excellent conformability.

APPLICATION IDEAS: This conformable calendered vinyl film is ideal for compound curved surfaces.

ADHESIVE: SP22A is an ultra clear permanent acrylic pressure sensitive adhesive. It possesses the smooth, even flow out characteristics required for its application and bonds well to a variety of surfaces.

LINER: A 40 lb. bleached Glassine release liner for use requiring rolls and a 90 lb. PFW release liner for use requiring sheets. Contact your Sun Process Sales Consultant for additional release liner options.

ADHESION: (PSTC-101)* 180° peel values for SP22A acrylic pressure sensitive adhesive. 15 minute dwell time with 1 mil adhesive thickness.

CV600 45 oz./inch width

(PSTC-107)* shear adhesive, 1000 gram load on polyester film (½ inch x ½ inch x 500 grams): 40+ hours/no failure

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

DIMENSIONAL STABILITY: Excellent. No measurable shrinkage on applied parts.

TRANSPARENCY: Film and/or adhesive will exhibit no yellowing or loss of transparency after two (2) years with normal vertical exterior exposure.

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 176°F (-29°C to 80°C)
MINIMUM APPLICATION TEMPERATURE:	50°F (10°C)
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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