



SUN PROCESS

Product Information Data

SU-PRO® CV SERIES DECORATIVE PRESSURE SENSITIVE FLEXIBLE VINYL FILM

<u>SERIES NUMBER</u>	<u>THICKNESS AVAILABLE</u>	<u>WITH ADHESIVE</u>
CV700FBK(P)	7.0 mil	8.0 mil
CV800FBK(B)	8.0 mil	9.0 mil
CV800FBK(H)	8.0 mil	9.0 mil
CV800FBK(M)	8.0 mil	9.0 mil

Thickness \pm 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: The CV series of decorative films consists of a non-migratory calendered flexible PVC film that has been embossed or embossed and printed. The printing is protected with a tough, clear film overlay that gives depth to the pattern. The 'buried' decorative print provides excellent abrasion and scuff resistance, ensuring exceptionally long life.

APPLICATION IDEAS: SU-PRO® pressure sensitive vinyls have been designed for use as decorative trim and surface covering applications for a wide variety of industries such as appliances, furniture, boat, mobile home and recreational vehicles, home and business fixtures, cabinets, and vending machines.

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 78 lb. bleached release liner protects the adhesive prior to application.

PRODUCT VARIATIONS: Our CV series of decorative films are 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 values for SP36 permanent acrylic pressure sensitive adhesive.

DWELL TIME

Initial	40 oz./inch width
24 hours	55 oz./inch width
1 week	60 oz./inch width

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

500 hours at 70°F (21°C) no failure

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

DIMENSIONAL STABILITY:	Good. Generally less than 2% at room temperature (measured in machine direction).
ABRASION RESISTANCE:	Excellent.
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 based solvents and lower aliphatic alcohols. Poor towards most esters and ketones.
SERVICE TEMPERATURE RANGE:	-40°F to 176°F (-40°C to 80°C)
MINIMUM APPLICATION TEMPERATURE:	50°F (10°C)
PATTERNS AVAILABLE:	See Color Chart
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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