



SUN PROCESS Product Information Data

SU-PRO® CVSR SERIES CLEAR SCRATCH RESISTANT VINYL OVERLAMINATING FILM

<u>SERIES NUMBER</u>	<u>MATERIAL THICKNESS</u>	<u>WITH ADHESIVE</u>
CVSR500HC	5.0 mil	6.2 mil
CVSR900HC	9.0 mil	11.0 mil

Thickness \pm including adhesive

The following characteristics are on typical laboratory data:

- DESCRIPTION:** SU-PRO® Clear Scratch Resistant Vinyl Overlaminating Films are made of a high polymer formulation that is scratch and scuff-resistant low-crease whitening formula, offering good dimensional stability for interior applications.
- APPLICATION IDEAS:** The textured scratch resistant (SR) surface of this film has been developed for a wide range of protective and decorative applications. Ideal for use as a low gloss overlaminating film.
- ADHESIVE:** SP1-22 is an ultra clear permanent acrylic pressure sensitive adhesive. It possesses the smooth, even flow out characteristics required for its application as a pressure sensitive overlaminating film. The flow out characteristics of the adhesive can be enhanced by the application of heat during the lamination process.
- LINER:** A 1.2 mil clear polyester release liner is used for ultimate adhesive smoothness, flow out, and clarity of adhesive.
- PRODUCT VARIATIONS:** These films are available with a variety of permanent and removable adhesives and release liners. For specific applications and minimum requirements, contact your Sun Process Sales Consultant.
- ADHESION:** (PSTC-101)* 180° peel values for SP1-22 permanent acrylic pressure sensitive adhesive. 15 minutes dwell time with 1.2 mil adhesive thickness.
- CVSR500HC(SR) 60oz./inch width
- (PSTC-101)* 180° peel values for SP1-22 permanent acrylic pressure sensitive adhesive. 15 minutes dwell time with 2.0 mil adhesive thickness.
- CVSR900HC(SR) 67oz./inch width
- (PSTC-107)* shear adhesion, 1000 gram load on SRV film (1 inch²) with 1mil. 2 mil adhesive thickness: 250 hours/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:	Excellent
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 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)
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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