



SUN PROCESS Product Information Data

SU-PRO® SGCV SERIES SUN-GRIP AND THREAD PRESSURE SENSITIVE NON-SLIP VINYL FILM

SERIES NUMBER
SGCV1000H

MATERIAL THICKNESS
10 mil

WITH ADHESIVE
11.75 mil

Thickness \pm 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: Resilient vinyl films with a textured surface that provides unusually good anti-slip properties in both wet and dry applications. Available in Sun-Grip and Thread Embossed patterns.

APPLICATION IDEAS: SU-PRO® non-slip vinyls have been designed as high quality trim and surface covering materials in applications for a wide variety of uses, such as showers, bathtubs, stair treads, boat steps, locker rooms, entry ways, swimming pools, ladder steps, golf carts, riding power lawn equipment, boats, mobile homes, and recreational vehicles, and a host of others.

ADHESIVE: SP36AF is used for our solid color vinyls and is an antimicrobial permanent acrylic pressure sensitive adhesive, which prevents fungal growth and contamination.

SP22AF is used for our clear vinyl and is a water clear permanent acrylic pressure sensitive adhesive.

Prior to adhesive coating, our exclusive BC4 barrier coating is applied to the vinyl to prevent plasticizer migration, which maintains very high performance characteristics on peel and shear values of the adhesives.

STANDARD RELEASE LINER: 78 lb. Bleached release liner.

A 90 lb. poly flat white (PFW) release liner allows the vinyl to remain flat in sheet form. For additional cost and minimums, consult your Sun Process Sales Consultant.

ADHESION: (PSTC-101)* 180° peel values for SP36AF acrylic pressure sensitive adhesive.

DWELL TIME

30 minutes	40 oz./inch width
24 hours	53 oz./inch width
1 week	56 oz./inch width

(PSTC-107)* shear adhesion, 1000 gram load (1 inch²) with 1.75 mil adhesive thickness.
SGCV1000H 100 hours at 70°F (21°C) – No failure

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

DIMENSIONAL STABILITY:	Generally less than 2% at room temperature (measured in machine direction).
ABRASION RESISTANCE:	Good.
WATER RESISTANCE:	No effect after seven (7) days soaking at room temperature of 120°F (49°C). No noticeable shrinkage after intermittent exposure to water at 160°F (71°C).
HUMIDITY RESISTANCE:	Excellent.
SOLVENT RESISTANCE:	Good resistance to most petroleum 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). For best initial adhesion, above 70°F (21°C) is recommended.
COLORS 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.

SUN PROCESS CONVERTING, INC.

1660 Kenneth Drive, Mt. Prospect, IL 60056
Toll Free: (800) 323-0697 • In Illinois: (847) 593-0447 • Fax: (847) 593-0115
Website: www.sunprocess.com • Email: sales@sunprocess.com