



SUN PROCESS

Product Information Data

SU-PRO® STA-PUT® PO100C CLEAR POLYESTER NON-SLIP FILM

SERIES NUMBER
PO100C

MATERIAL THICKNESS
1.0 mil

WITH ADHESIVE
2.0 mil

Thickness \pm 10%, including adhesive

The following characteristics are on typical laboratory data:

DESCRIPTION: PO100C is a 1mil non-slip clear polyester film coated with SP1-22 permanent pressure sensitive adhesive and a 40 lb. Glassine release liner. The exposed side has our NS01C high coefficient of friction (COF) non-slip coating. The Sta-Put® side can be applied to any clean smooth surface.

APPLICATION IDEAS: An ideal film for applications requiring a clear non-slip surface that adheres to any clean smooth surface without the use of adhesive. Used for all types of mouse and change pads. The high co-efficient-of-friction (COF) coating can be frequently peeled and reapplied without leaving any residue.

ADHESIVE: SP1-22 is a soft permanent pressure sensitive adhesive. This pressure sensitive adhesive provides an ultra smooth flow-out feature and exhibits good low-temperature characteristics.

LINER: A 40 lb. Glassine release liner that has a smooth surface and good die cutting base.

PRODUCT VARIATIONS: The above construction is also available with a 3.0 mil flexible white polypropylene film carrier. A 2 mil clear BOPP film can be applied to the NS01C non-slip coating for protection during application and removed before use.

FEATURES:

- Clear polyester film gives the product dimension strength and stability
- Flexible
- Non-slip coating has a low tack and offers excellent slip resistance (high COF)
- Excellent material for all types of die cutting and processing
- Good water and humidity resistance

BONDING TIPS: It is recommended that the pressure sensitive adhesive side be laminated to the intended printed surface using a laminator.

Make sure surfaces are clean and without wax before applying the non-slip coated side to its intended surface.

PRODUCT DATA:**PHYSICAL PROPERTIES****VALUE**

Mil Thickness:

Film	1.0 +/- 5%
Adhesive (PSA)	0.8 +/- 5%
Liner 40 lb Glassine	3.0 +/- 5%
NS01C	0.3 +/- 3%

**ADHESION
PROPERTIES:**

(PSTC-101)*	180° peel adhesion
	SP1-22 (oz. / in.)
	15 min 48 oz/inch width
	Ultimate 81 oz/inch width

NS01C (grams)	
15 min	350 g
Ultimate	750 g

(PSTC-107)*	Shear (1" x 1" x 1000 gms) (hours)
SP1-22	500+

Polyken Tack (grams)	
SP1-22	275 g

COF (based on ASTM D1894-90)	
~ Material with NS01C	1.3

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

**SERVICE
TEMPERATURE
RANGE:**

-40°F to 200°F (-40°C to 93°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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