



# Silk Screen Inks

## Products Information

[www.sabinecolors.com](http://www.sabinecolors.com)



### (SW-PY) for Treated PE and Treated PP

#### Properties :

The SW-PY Series of screen ink is especially formulated for screen printing on pre-treated PE and PP packaging, where glossy finish and excellent chemical resistance properties are required. With recommended diluents, excellent screen stability enables the ink to be used on manual up to fully automatic printing machines, can be customize to suit most printing requirement

#### Applications :

- Pre-Treated \* PE and PP
- Pre-coated \*\* Metal

\* *Treatment level required at least 40 dynes/cm*

\*\* *Non-catalyzed coating*



PET Water  
Bottle



HDPE / PP Cosmetic &  
Packaging Container



Powder coated  
A/C Compressor



HDPE Water Tank



PP Paint  
Container



Powder coated  
Gas Cylinder

#### Mesh Fabric:

Fine Line Printing: 140 T - 200 T/cm Or 355 T - 508 T/Inch

Normal Printing: 90 T - 120 T/cm Or 230 T - 305/Inch

Optimum Opacity: 36 T - 90 T/cm Or 92 T - 230 T/Inch

Process Colors: 90 T - 150 T/cm Or 230 T - 380 T /Inch

**Note :** Monofilament Polyester Mesh fabric or Nylon Mesh fabric recommended

#### Stencils :

Solvent resistance direct photo emulsion DE442 or dual sensitized PU220 Universal photo emulsion,

**PY13: Extra Fast Drying Solvent (Reducer)**

**PY15: Medium Fast Drying Solvent (Reducer)**

**PY17: Slow Drying Solvent (Retarder )**

**PY19: Extra Slow Drying Solvent (Retarder )**

Thinning ratio varies depending on printing and drying conditions from 10 – 20 % by weight

**Clean Up :** SWT139 Cleaning Solvent

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**Drying:** Tack free in approximately 10 – 15 minutes, Forced dry at 40-60 ° C in approximately 2 - 3 minutes.

**Coverage:** Mileage of printing approximately 45 – 50 square meter per liter of ink with 120 T/cm ( 305 T / Inch ) mesh count monofilament Polyester or Nylon and 10% dilution.

**Color Range:** Specific colors can be matched against prints, wet inks or PANTONE ( PMS ) numbers.

**Precautions:** Due to considerable variations in quality and type of substrate, Pre-testing by user is recommended, use only the recommended Diluents

**Squeegee Durometer:** 70 – 85 shore hardness depends on printing method Flat Edge or V shape edge depends on artwork, avoid excess pressure.

Store in tightly closed containers within room temperature about 30 to 34 ° C in a dry, well ventilated place, avoid direct sun light, away from incompatible material, and keep away from heat, sparks and flames.

Use within 1 year from Mfg date (Expiry of products depends on colors and storing conditions)