

# SOLVENTS & RETARDERS

## BUTYL CARBITOL

A slow evaporating solvent used in diluting certain nylon inks.

## BUTYL CELLOSOLVE

A very slow evaporating solvent used to dilute lacquers, vinyls, and many oil base inks. Somewhat “universal” in nature, it may also be used to retard certain formulations.

## INK DEGRADIENT HO 1000

This is a high boiling point material that degrades plastisol inks and permits clean-up to be done with water.



## PROPYLENE GLYCOL

An effective flow agent for water phase paints. It also retards the drying time.

## VINYL WASH THINNER N-116

A solvent used to thin or wash up vinyl or lacquer inks.

## XYLOL

Excellent for thinning and reducing oil-based paints.

## VARSOL

A mild solvent for thinning and washing oil-based paints.

## REDUCER 1200

Reducer 1200 is a more potent thinner. Excellent for thinning and reducing oil-based paints.

## PINE OIL

A natural long oil extracted from pine needles, Pine Oil is used to slow down the drying time of oil-based inks. Pine Oil does not interfere with the substrate upon which the ink is deposited.

**PACKAGING**  
quarts  
gallons  
5 gallons

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## ENVIRONMENTALLY SENSITIVE

*These products are based upon natural soybeans and/or citrus oils.*

*They require the use of NO messy or environmentally damaging solvents.*

### ENVIRONWASH C-800

C-800 environwash washes up most solvent-based inks and cleans up water based acrylic inks. It has a pleasant citrus scent.

### HOLDEN'S TEXTILE WASH

This environmentally sound, and biodegradable, screen wash is especially formulated for textile ink removal. After removing excess ink, simply wash the screen with a damp rag. This is a soy-based product.

### HOLDEN'S GLUE REMOVER

Holden's Glue Remover is a soy-based material that is 100% biodegradable. It is excellent for removing both table and pallet adhesives.



PACKAGING  
quarts  
gallons  
5 gallons

# METALLICS

## PRINTING WITH METALLICS

By selecting the proper base and metallic powder, brilliant metallic looks may be printed or brushed on almost any stock.

**These powders dry to a brilliant finish and are nontarnishing when added to the proper clear vehicle.**

### Color Range:

Gold Powder  
CH-100

Silver Powder  
AG-200

Copper Powder  
CU-300

## TECHNICAL DATA

**Screen Fabric** 64 to 81 multifilament for fabrics. 158 to 230 for other printing

**Squeegee** Medium plastic

**Drying Time** Metallic Binder F for textiles must be heat set. Other binders may be air dried or used with conventional dryers.

**Wash up** Water for Binder F

**Modifiers** Appropriate solvents for other materials. Lacquer thinner tends to tarnish the gold powder.

**Screen Type** Direct emulsion using Holden's 205 or 250

PACKAGING  
by the  
pound

## METALLIC BINDER F

A water phase clear for textile printing. Mix up to two pounds of metallic powder for every gallon of Metallic Binder F. Weigh the powder into the container. Add the Metallic Binder F. Stir thoroughly. Stir from time to time to prevent powder from separating from the vehicle. After heat curing, a brilliant metallic shade is developed. Brilliance may be reduced by adding less powder. Approximate the amounts.

## ENAMEL CLEAR 1012

This product was developed for plexiglass or other items that require enamels. Place the metallic powder in a can and make a slurry by wetting the powder with Reducer 1200. Add the Enamel Clear and begin printing. *When working with enamels, a slightly finer mesh should be used to avoid blistering or bubbling.*

## OVERPRINT VARNISH 728

A poster color product developed for printing metallics on paper coated stock. Add a small amount of mineral spirits, to form a slurry, then add the Overprint Varnish 728. Mix well.

## PLASTISOL CLEAR 1810

This is very useful when printing with metallics on dark garments. Place the powder on the bottom of the can and wet with Reducer 1200S. Add the Plastisol Clear and proceed to print with an open mesh. Be certain to set at 300°F.

**NOTE:** You can also order plastisol metallics, shimmer or glitter premixed in Silver, Gold or Copper in a plastisol vehicle.

PACKAGING  
quarts  
gallons



# STANDARD

STANDARD SCREEN SUPPLY CORP.  
ACTIVE PROCESS SUPPLY CO. INC.

1-800-221-2697 | [www.standardscreen.com](http://www.standardscreen.com)

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# MASKING FILMS: MYLAR, ACETATE

## FILMS

Standard Screen Supply has manufactured, to exacting specifications, a brand of ruby and a brand of amber masking films. The films can be used for masking film positives as well as an indirect hand-cut mask to be adhered to the screen. A wide variety of films are available that meet the specific requirements of differing applications necessary within the silkscreen industry. Masking films consist, generally, of a clear polyester backing sheet coated with a thin lacquer film, adhered with a special cement that allows easy re-adhesion to correct mistakes in cutting. Detail is cut into the lacquer, and the coating is removed in the image of the positive or the negative, depending upon the use of the cut masking film. Indirect chemical adhesion uses a negative cut; i.e., the lacquer is removed from the film in the areas that are to be printed.

Photographically made screens are cut so that the positive remains on the backing plastic. The image that is left on the backing plastic is the image that will print when the screen is photographically prepared. Both ruby and amber photograph black when exposed to the emulsions. When used indirectly as hand-cut films, they both provide a sharp edge and an even coating on the screen. Amber is easier to see through and is often preferred when that quality is important. There is a distinction between hand and photo ruby and amber, and the appropriate one should be used.

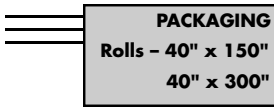


# MASKING FILMS: MYLAR, ACETATE



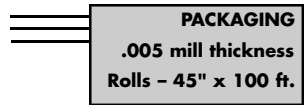
## CUT MASK AMBER

Cut Mask Amber is an amber-colored film on a clear mylar base. It is used to make film positives or to cut and adhere.



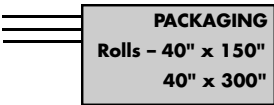
## STANDARD PREPARED POLYESTER (clear acetate)

Prepared polyester is a clear polyester film that, like the matte acetate, has been treated to be receptive to inks and paints. Unlike the matte acetate, it is completely clear, making it easier to see through for tracing images. It also is stable under heat and light.



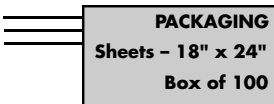
## CUT MASK RUBY

Cut Mask Ruby is a dark ruby colored film on a clear mylar base. It is used to make film positives or to cut and adhere.



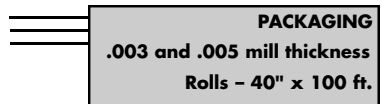
## RUBY SHEETS

Ruby Sheets are a dark ruby colored film on a clear mylar base. It is used to make film positives.



## STANDARD CLEAR MYLAR

Clear mylars are more economical than treated acetates, but are less dependably receptive to inks. They are stable under heat and light and will not distort images.



# COMPUTER DIRECT FILMS

## STANDARD SFP FILMS

- Heat resistant
- Dimensional stability
- Excellent toner adhesion

Standard SFP Films lead the revolution with films that emerge directly from the computer printer. It is now possible to burn your screens without the need for cameras, processors, or chemistry.

Save time and money – simply output to Standard SFP using a laser or ink jet printer or photocopier, and then expose the screen.

### IT'S THAT EASY.

Standard SFP is well suited for multicolor screen printing where tight registration is critical.

PRINTER TYPE	PAPER SIZE in inches
laser	8.5 x 11
laser	8.5 x 14
laser	11 x 17
laser	12 x 18
laser	12 x 20
ink jet	8.5 x 11
ink jet	8.5 x 14
ink jet	11 x 17
ink jet	12 x 18
ink jet	12 x 19
ink jet	12 x 20
ink jet	13 x 18
ink jet	13 x 18.5
ink jet	13 x 19
ink jet	16 x 20
ink jet	17 x 22
ink jet rolls	16.5 x 45 ft.
ink jet rolls	16.5 x 90 ft.



### TONER AIDE

Just a light spray on VELLUM PAPER or LASER FILM and the toner is noticeably darkened. Screens will burn much better, and image quality is greatly enhanced.

This product contains solvents that dissolve the toner, allowing it to fill in any voids. Do not oversaturate and use in a well ventilated area.



COMPUTER



PRINTER



LIGHT SOURCE

