

## AQUABRITE TEXTILE COLORS (Water Phase System)

### USE . . .

To be used on most light-colored fabrics. Flexible when dry. Aquabrite Textile Colors are also supplied in ready-to-use form.



### A. Pigment Solution:

Aquabrite Textile Colors are oil-in-water emulsions. All the colors are supplied as color concentrates and must be used in combination with an extender. The colors are not sufficiently opaque to be used on dark color fabrics. The ratio of extender to pigment determines the shade and depth of the color.

### B. Modifiers:

**Concentrate 2124:** used to make Extender 2119 (If you wish to make your own extender, call us for the formula.)

**Extender 2119:** must be mixed with all pigment solutions

**Low Crock 2120:** can be added at a ratio of 5 to 8 ounces per gallon of mix to improve color rub fastness (reduce crocking)

Crocking is the phenomenon by which color rubs off the fabric after printing

**Propylene Glycol:** used to slow drying time in the screen mesh

### C. Clean-Up: Water

## TECHNICAL DATA

**Coverage** 100 to 150 sq. ft., per gallon depending upon fabric

**Drying Time** Touch dry in 20 min. (wash fast when set at 300°F)

**Screen Fabric** 6xx to 10xx multifilament /80 to 130 polyester monofilament

**Screen Coating** Direct emulsion – Holden's 250 emulsion

**Squeegee** Medium durometer plastic or rubber

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.

### Color Range:

White 2117  
 Golden Yellow 2112A  
 Yellow 2G 2112  
 Orange 2327  
 Scarlet 2122  
 Violet R  
 Dark Red 2111  
 Green 2114  
 Blue 3G 2113  
 Navy Blue 2130  
 Royal Blue 2121  
 Rubine 2111A  
 Fuchsia 2126  
 Turquoise 2114T  
 Brown 2118  
 Black 2116  
 FL Green 2403  
 FL Yellow 2404  
 FL Orange 2405

### Modifiers:

Concentrate 2124  
 Extender 2119  
 Low Crock 2120  
 Propylene Glycol

PACKAGING	
quarts	3
gallons	1
5 gallons	1
55 gallons	1

## AQUABRITE TEXTILE INKS COLOR FASTNESS

<b>COLOR</b>	<b>LIGHT (Fadometer Hours)</b>	<b>WASHING (AATCC #4 Test)</b>
White	Excellent 300 Hours	Good
Black	Excellent 300 Hours	Good
Red	Good 60-100 Hours	Good
Rubine	Fair 10-40 Hours	Good
Bright Scalet	Fair 10-20 Hours	Good
Green	Excellent 300 Hours	Good
Brown	Excellent 300 Hours	Fair
Violet B	Excellent 60-300 Hours	Good
Violet R	Excellent 120-300 Hours	Good
Royal Blue	Excellent 300 Hours	Fair
Navy	Fair 20-80 Hours	Good
Blue	Excellent 300 Hours	Good
Orange	Fair 10-40 Hours	Good
Yellow	Good 10-30 Hours	Good



**STANDARD**

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

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

## STANDARD PLASTISOL INKS

### USE . . .

Excellent adhesion to cotton blends and woven fabrics. Can be used in wet on wet printing and over dark fabrics. Ideal for athletic wear.



### A. Pigment Solution:

Standard Plastisol Inks are opaque inks designed for T-shirts and apparel. These inks require heat for drying and fusion; a printed garment must be heat cured at 300°F. The printed garments are washable but cannot be dry-cleaned. When dry, they have a rubbery look and feel.

### B. Modifiers:

**Reducer 1200S:** Will make the inks more thixotropic

**Mineral Spirits:** Will thin the inks

**Softband:** Reduces opacity slightly

**C. Clean-up:** HO -1000 or Mineral spirits

### TECHNICAL DATA

**Coverage** Approximately 600-800 sq. ft. per gallon

**Drying Time** Inks will not air dry. Must be cured at 300°F for 2 to 3 minutes for fusion to occur.

**Screen Fabric** 6xx multifilament - 60-80 polyester monofilament (for heavy lines) or 110 to 125 polyester monofilament (for finer lines)

**Screen Coating** Direct method – Holden's 250 or 206

**Squeegee** Medium rubber or plastic of 60 to 65 durometer

### Color Range:

- Opaque white
- Lemon yellow
- Golden yellow
- Flour yellow
- Neon yellow
- Process yellow
- Primrose yellow
- Orange
- Fluorescent orange
- Neon orange
- Brilliant red
- Warm red
- Bright scarlet red
- Bright red
- Process red
- Fluorescent red
- Scarlet red
- Rubine red
- Fluorescent pink
- Neon pink
- Process magenta
- Rhodamine red
- Dark navy blue
- Royal blue
- Peacock blue
- Process blue
- Navy blue
- Fluorescent blue
- Neon blue
- Process cyan
- Reflex blue
- Ultra blue
- Turquoise
- Emerald green
- Fluorescent green
- Neon green
- Brown
- Burgundy
- Flesh
- Gray
- Jade 327
- Golden brown
- Lavender
- Grape
- Bronze
- Metallic silver
- Metallic gold
- Glitter gold
- Glitter silver
- Gold foil look
- Copper foil look
- Purple
- Shimmer colors
- Glitter colors
- Metallic colors

### Modifiers:

- Reducer 1200S
- Mineral Spirits
- Softband

**PACKAGING**  
quarts  
gallons  
5 gallons  
55 gallons

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.



# INKS

## SAQ INK

Standard Aqueous Ink  
(Water Phase System)

Available in matte

### USE . . .

Excellent for graphic art work on paper, board, and wood.



### Color Range:

White  
SAQ 700  
Primrose Yellow  
SAQ 703  
Lemon Yellow  
SAQ 704  
Chrome Yellow  
SAQ 705  
Orange  
SAQ 706  
Fire Red  
SAQ 707  
Brite Red  
SAQ 708  
Carmine Red  
SAQ 709  
Emerald Green  
SAQ 712  
Dark Green  
SAQ 713  
Ultra Blue  
SAQ 716  
Perma Blue  
SAQ 717  
Medium Brown  
SAQ 721  
Jet Black  
SAQ 722

### A. Pigment Solution:

SAQ inks are 100% aqueous (water) phase colors for printing on most surfaces in addition to paper, board, wood, and other cellulose materials. The colors are very opaque and have great hiding power. They are supplied with a transparent base for overprinting and color mixing. Recommended for fine art printing.

### B. Modifiers:

**Transparent Base:** To reduce opacity.

**Propylene Glycol:** Used to slow drying time in the screen mesh.

**C. Clean-Up:** Water

### TECHNICAL DATA

**Coverage** 100 to 150 sq. ft. per gallon, depending upon material being printed on

**Drying Time** Dry to the touch in about 1 hour. Cure in about 4 hours. May be force dried at 160°F for about 2 minutes

**Screen Fabric** 12xx to 14xx multifilament / 157-280 PE monofilament

**Screen Coating** Holden's 250 or our T-1000 presensitized One Way Emulsion

**Squeegee** Medium to hard plastic blade

### Modifiers:

Transparent Base  
Propylene Glycol

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.

PACKAGING  
quarts  
gallons  
5 gallons

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## STANDARD FLAT POSTER COLORS (Oil Phase System)

### USE . . .

Formulated to print on paper or coated paper stock. Will print over dark backgrounds.



### A. Pigment Solution:

Standard flat poster colors dry by oxidation. They are opaque and print well over dark grounds. They are easily intermixable and easily extended.

### B. Modifiers:

**Transparent Base 727:** May be used as an extender

**Reducer 1200:** Used to thin the color

**Pine Oil:** Retards the drying time in the screen when mixed into the pigment solution.

**Overprint Varnish 728:** Provides an even, glossy surface

**C. Clean-Up:** Mineral Spirits

### TECHNICAL DATA

**Coverage** 100 to 150 sq. ft. per gallon, depending upon material being printed

**Drying Time** Dry to the touch in about 1 hour. Cure in about 4 hours. May be force dried at 160°F for about 2 minutes

**Screen Fabric** 12xx to 14xx multifilament/157 to 280 PE monofilament

**Screen Coating** Holden's 206 Purple or our T-2000 presensitized One Way Emulsion

**Squeegee** Medium to hard plastic blade

### Color Range:

Super Intense White  
700

Primrose Yellow 703

Lemon Yellow 704

Chrome Yellow 705

Orange 706

Fire Red 707

Brite Red 708

Carmine Red 709

Emerald Green 712

Dark Green 713

Ultra Blue 716

Perma Blue 717

Cerise 719

Medium Brown 721

Jet Black 722

### Modifiers:

Transparent Base  
727

Reducer 1200

Pine Oil

Overprint Varnish  
728

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.

PACKAGING  
quarts  
gallons  
5 gallons  
55 gallons

# INKS

## TIBBETTS-WESTERFIELD NYLON INKS (11000 SERIES)

### USE . . .

Specifically designed for printing on nylon but will also adhere to other surfaces such as vinyl and plexiglass.



### A. Pigment Solution:

Tibbetts-Westerfield Nylon Inks are distributed exclusively by Standard Screen Supply Corp. on the East Coast. The inks are specifically designed for printing on nylon but will also adhere to other surfaces. Unlike other nylon inks, TW Nylon Inks are a one-part system. It is not necessary to worry about pot life when working with TW Nylon Inks.

### B. Modifiers:

Nylon Reducer or Butyl Cellosolve

Nylon Retarder or Butyl Carbitol

Nylon Thinner

**C. Clean-Up:** Nylon Thinner

### TECHNICAL DATA

**Drying Time** The inks air dry in about 1 hour.

**Screen Fabric** 150 to 250 mesh

**Screen Coating** Holden's 206 purple or 205 blue

**Squeegee** 60 to 70 durometer type

### Color Range:

TW 11012 White

TW 11024 Cadmium Red

TW 11030

Chrome Yellow Orange

TW 11032

Chrome Yellow Light

TW 11035 Ferrite Yellow

TW 11041 Ramapo Blue

TW 11046 Chrome Green

TW 11052 Oxide Brown

TW 11064 Torch Red

TW 11016 Black

TW 11028 Toluidine Red

TW 11031

Chrome Yellow Medium

TW 11034

Cadmium Yellow Primrose

TW 11036 Molybdated Orange

TW 11043 Ultra Blue

TW 11049 Emerald Green

TW 11063 Bon Maroon

TW 11069 Perma Violet

### Modifiers:

Nylon Reducer

Nylon Retarder

Nylon Thinner

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.

PACKAGING  
quarts  
gallons  
5 gallons



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## SCREENWELL ENAMELS

(rapid dry)

### USE . . .

Recommended for any surface where flexibility is a prime consideration. For exterior and interior use. They have an exceptionally high hiding capability.



### A. Pigment Solution:

Screenwell Enamels are compounded from permanent pigments in an enamel base. They have been formulated to avoid clogging in the screen. Can be air dried in one hour.

### B. Modifiers:

**Gloss Base:** To heighten the gloss and increase resistance to outdoor exposure

**Reducer:** Reducer 1200

**C. Clean-Up:** Mineral Spirits

## TECHNICAL DATA

**Drying Time** Can be air dried in one hour.

**Screen Fabric** PE monofilament, 150 or above

**Screen Coating** Holden's 250

**Squeegee** Hard plastic blade.

### Color Range:

1600

Lemon Yellow

1601

Medium Yellow

1602

Medium Orange

1603

Fire Red

1604

Bright Red

1605

Emerald Green

1606

Medium Green

1607

Brilliant Blue

1608

White

1609

Black

### Modifiers:

Gloss Base

Reducer 1200

Mineral Spirits

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.

PACKAGING  
quarts  
gallons

# INKS

## HOLDEN'S MULTISURFACE INK

### USE . . .

A one package Ink that is excellent for printing on the following Surfaces:

- U **Plastics** such as plexiglass
- U **Wood Surfaces**
- U **Most Metals**
- U **Styrene**



### Color Range:

- Super White  
MP 100
- Primrose Yellow  
MP 103
- Lemon Yellow  
MP 104
- Chrome Yellow  
MP 105
- Orange  
MP 106
- Fire Red  
MP 107
- Brite Red  
MP 108
- Emerald Green  
MP 109
- Ultra Blue  
MP 110
- Medium Brown  
MP111
- Jet Black  
MP 112

### A. Pigment Solution:

It is an oil phase system and requires cleaning with solvents and adding retarders. It is also fast drying and eliminates the need to wait for long drying periods. On most of the surfaces mentioned, Holden's Multisurface Inks dry and cure in about one hour.

### B. Modifiers:

**BC Retarder:** To slow the drying time.

**Reducer:** N-116 Thinner

**C. Clean-Up:** Mineral Spirits

### TECHNICAL DATA

**Drying Time** Can be air dried in 1 hour

**Screen Fabric** PE monofilament, 157 to 280

**Screen Coating** Holden's 206 Purple or Holden's 205 Blue

**Squeegee** Hard plastic blade

### Modifiers:

- BC Retarder
- N-116 Thinner

Always pre-test before production. If in doubt, or for further information, call our Standard Technical Department.

**PACKAGING**  
quarts  
gallons  
5 gallons

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## SQUEEGEES

Among the tools used by the silkscreen industry, the squeegee is very important. The squeegee determines the effectiveness with which the ink is forced through the screen onto the surface to be printed. A squeegee is used in both hand and machine production.

Squeegees are made in a variety of different materials and are in a progression of hardnesses that suit the squeegee to the different silkscreen applications. Standard brand squeegees are available in any size up to a maximum length of eight feet. The blade is cut to size and sealed to the appropriate molding. A rigid coupling of molding and blade is essential for precision and control when printing. Standard Screen will also supply molding or blades separately.



## SQUEEGEE BLADES

Standard Screen Supply Corporation has squeegee blades manufactured for it by a variety of sources. We import various grades of polyurethane blades from France, Germany, and England. All Standard squeegee blades are manufactured with consistent elasticity and hardness throughout their length.

The hardness of a squeegee blade is measured by a durometer reading:

**50 to 60 Durometer indicates a soft squeegee**

**60 to 70 Durometer indicates a medium squeegee**

**70 to 80 Durometer indicates a hard squeegee**

Generally speaking, harder squeegee blades leave a thinner ink deposit and softer squeegees leave more ink on the surface.

# SQUEEGEES

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## Polyurethane Squeegee Blades

Squeegee blades of plastic, technically known as polyurethane, are replacing rubber ones in areas of printing where solvent resistance and long runs are of primary importance. They are also sharper and recommended for machine printing.

**Color:** Translucent or colored to indicate the manufacturer or hardness

**Size:** 3/8" x 2"

**Hardness:** 50 to 80 Durometer

**Length:** Available in any length up to 12 feet

Polyurethane is also available in different shapes. In addition to the regular square edge cut, sharpened blades such as "D" cut and "S" cut are available. In addition, Polyurethane Squeegee Blades can be rounded for textile printing.

Polyurethane squeegees also resist "blade swelling." They also have a life of 10 to 30 times longer than ordinary rubber. Polyurethane blades normally do not need sharpening too often.

Polyurethane blades also reduce pressure on the screen and have high tear resistance.

Call our technical department  
for the right blade for the right job.



SE



S



D



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# SQUEEGEES

## Standard 3 Squeegee Blades

Standard 3 is a three-durometer compound manufactured in one sequence without any glue: two soft or medium active external strips (65 or 75) and one central harder backing strip (95). This achieves the screen printer's requirements: a perfect balance between flexibility and a constant pressure on the screen (almost no bending).

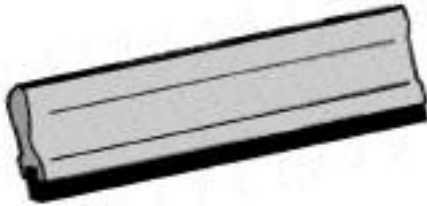


### Standard 3 offers:

- u An increased lifetime
- u A constant flexibility on 3 axes
- u An accurate control of the ink flow
- u A time and money saving alternative

### Standard 3 is recommended for:

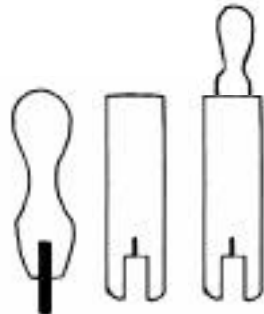
- u Flat-bed or cylindrical presses
- u Quadri process color, back-lighted prints  
electronic card printing
- u Large screens and high-speed machines



## STANDARD SCREEN MOLDING

Available in high or low form. High-form molding is designed to be held directly while printing. Low-form molding is designed to be used with either a single central handle or two handles, which are attached near each end for an even pull. Molding is supplied in six or eight foot lengths which can be cut to appropriate lengths as needed.

Shorter lengths are available by specification. Standard Screen molding is designed to hold blade widths of 3/8".



**Standard Handle**  
(High Mold)      (Low Mold)

