Industries & Applications

Textiles - Screen Printing
- Plastisol Inks
- Waterbase & Discharge Inks
- Tie-Dye Bases & Dyes
- Metallic inks, Glitters & Shimmers

Heat Transfers
- Textile Vinyl Transfers
- Dye Sublimation
- Inkjet & Laser Transfer Papers
- Transfer Foils & Flock

Signage - Screen Printing
- Solvent Based inks
- UV Inks
- Epoxy Inks
- Pad Printing
- Sign Vinyl

Accessories
- Inkjet CIS & All Black systems
- Numbering system
- Pantone Color Matching system
- Registration systems

Equipment
- Textile Screen Printing
  - *Presses*
  - *Conveyor Dryers*
  - *Flash Cure units*
  - *Exposure units*
- Heat Transfer machines
- Plotters/ Vinyl Cutters
- Inkjet Printers – Film Positives
- Screen Reclaiming
  - *Dip Tanks*
  - *Washout Booths*
  - *Chemical Pumping system*
  - *Filtration Units*
  - *Recirculation Tanks*

Accessories/Supplies
- Mesh & Frames
- Reclaim Chemicals

Services
- Startup & Advance Training
- Shop Layout & Setup
- Screen Re-meshing
- Film Output & Screen Burning

Florida Flexible Printing Products

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Florida Flexible Screen Printing Inks

Equipment & Supplies

Screen Printing Inks

Supplies » Color Matching « Equipment

« Training »

PRODUCT CATALOG

Ver.2: 2014

Screen Printing Supplies

- ☐ Mesh & Frames
- ☐ Squeegees & Adhesives
- ☐ Screen-Printing Equipment
- ☐ Emulsion & Darkroom
- ☐ Screen Reclaim Chemicals
- ☐ Waterbase & Plastisol Inks
- ☐ Heat Transfer Vinyl
- ☐ Textile Foils & Flock
- ☐ Plotters & Heat Press units

About us…

Florida Flexible offers a full line of quality products for all your screen-printing needs with an extensive inventory of Inks and supplies for today's printer. We are dedicated to meet our customers' needs, by providing technical assistance, accurate and on time PANTONE© color matching at no extra charge and daily deliveries in Dade and Broward counties.

Our mission is to provide personalized attention to each customer by maintaining a well-trained, professional and caring staff.

We believe in creating a partnership with our customers, to enhance a positive experience thru quality service. As partners, we shall provide sufficient resources to generate industry effective and cost-efficient solutions to customers of all shapes and sizes.

Florida Flexible provides an effective technical assistance and training that develops confidence and capability to anticipate, plan and act in response to the challenges of our rapidly changing industry.

Take a few moments to browse through our CATALOG and feel free to contact us at any time.

"We appreciate your Business"

FLORIDA FLEX

Customer Service: sales@floridaflex.com
Technical Dept: info@floridaflex.com

Tel: 305-512-2222
www.floridaflex.com

"A brief history of the most popular shirt in the World"

T-shirts were a part of American life as early as 1913, when the US Navy added Crew-necked cotton under-shirts to its uniforms. But back thenthey were generally limited to Military use. To most American men, the only real undershirt was the sleeveless variety, "with over-the-shoulder straps, a deep neck and totally exposed armpits."

These however, were dealt a serious blow in 1934 by actor Clark Gable. In the Oscar-winning film "It Happened One Night", Gable took off his shirt… and was not wearing anything underneath. "Hardly a young man from coast to coast would be caught wearing one after that." This almost wrecked the industry and put people out of work.

Toward the late 1930s, some sport shops began selling T-shirts with university insignias on them. But they were still primarily considered undershirts. In 1938 Sears, Roebuck & Co. added the "GOB" style" Short-sleeved undershirts wore by U.S. sailors to its catalog, priced: .24¢ cents apiece.

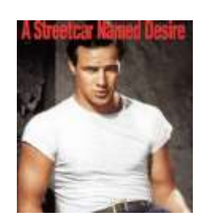
It wasn't until World War II that T-shirts really began to take hold in American Culture. Each branch of the Military issued millions of "skivvies" in its own color, and in the Pacific Islands it was so hot that they were virtually the only shirts that most soldiers wore. When the fighting boys returned home from the war, they brought their taste for T-shirts with them.

Then in 1951, the movies struck again… Marlon Brando electrified audiences by wearing a skin-tight T-shirt in Tennessee Williams's "A Street Car Named Desire". The actor's rippling muscles gave the garment a sexual "je ne sais quoi" look from which America has never recovered.

Elvis cheered it on, sneering in a T-shirt & leather jacket. James Dean perpetuated the "Attitude with a T" look in 1955's "Rebel without a Cause". By the end of the 1950s, the T-shirt was no longer just a piece of underwear it was a Fashion Statement.

Today… the American T-shirt industry sells over a billion T-shirts a year.

And the average American owns 25 of them.



AP Plastisol Screen Printing Inks

AP – All Purpose Inks

General Purpose Plastisol inks for Wet-On-Wet printing

(AP) All Purpose Plastisol inks have been specifically formulated for high productivity wet-on-wet printing on White or Light colored. Most of our standard inks are semi-opaque; however, optimum opacity is achieved with High Opacity inks.
(AP) inks are guaranteed to have excellent resistance to build-up and exhibit excellent printability on Cotton, Poly/Cotton Blends & Light Colored Polyesters. We recommend to under-base with 9006FF Cotton Sun White or 9002SW Bright Star White for Dark 100% cotton fabrics. For 100% Polyester fabrics a bleed resistant white 9007PW POLYFLEX White is suggested.

PRINTING RECOMMENDATIONS:
Optimum opacity use: 110-156ct mesh
Fine lines use: 156-230ct mesh
Squeegee: Medium 70Duro.
Emulsion: Direct or Capillary films.

CURING TEMPERATURE:
Flash-cure: 230°F.
Curing Temp: 320°F
Fusion tests should be made prior to any production run. Failure to cure properly causes poor wash fastness, inferior adhesion and increased dye migration.

MODIFIERS AND EXTENDERS:
Plastisol Inks should be stirred first to determine if modification is necessary.

3000FF Curable Reducer can be added to reduce viscosity at a Maximum addition of 5% by weight.

W.M. PLASTICS

Standard (AP) Colors

3125-AP Dallas Gold	5001-AP Royal Blue
3135-AP Primrose	5013-AP Marine Blue
3122-AP Lemon Yellow	5273-AP Lt Royal
3209-AP Yellow Gold	5042-AP Brite Royal
3303-AP Gold	5104-AP Lt Reflex Blue
7109-AP Brite Orange	5048-AP Sky Blue
6056-AP Brite Red	5120-AP LT Blue
6420-AP Scarlet Red	5040-AP Turquoise
6247-AP Cardinal	2065-AP Dark Brown
6251-AP Maroon	2050-AP Light Brown
4760-AP Brandywine	5332-AP Light Navy
5525-AP Violet	5011-AP Navy
4030-AP Dallas Green	4238-AP Forrest Green
4053-AP Kelly Green	5666-AP Russell Purple

Standard (AP) – All Purpose Stock Colors, available on demand

Additives & Modifiers

Enhance, Extend & Modify

Bases and Additives are designed to enhance performance, extend or modify viscosity. They are divided in these categories:

Reducers: reduces tackiness and improve ink flow properties
- Curable Reducer – 3000FF
- Liquid Reducer – 3015FF

Extenders: increase volume, softens and extends your plastisol inks:
- Soft Hand Clear – 3001FF
- Just Soft Base – 3004FF

Additives: enhance performance for a variety of applications:
- Stretch Additive – 3010FF
  - *Add: 15% for Lycra & Spandex*
- Hot Split Transfer Additive – 3020FF
  - *Add: 10% for hot split transfers*
- Nylon Catalyst – 3060FF
  - *Add: 10% for Nylon fabrics*

Bases: designed to create textures and facilitate specialty applications
- Puff Base – 3045FF
- Suede Base – 3035FF
- Hi Density Clear Gel - 3090FF

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Adhesives & Aerosols

We carry a complete line of Waterbase & Aerosol Adhesives, Cleaners & Removers designed with today's screen printer in mind. **Sold:** by the can or 12/case

Premium Mist adhesive with medium tack,

Premium Flash Tack adhesive with strong tack

Premium Web spray adhesive for sweat shirts and heavier garments.

Also available a **Screen Opener** with a strong cleaning formula designed to open clogged screens quickly, a **Citrus Screen Opener** and a **Dry-Silicone** spray for embroidery applications and to lubricate screens and eliminate screen tackiness. **Brush-Tac** has a greater viscosity than standard water-based adhesives for easier, better-controlled application. Quicker drying time, longer lasting tack and perfect for printers who do not wish to spray on pallet adhesive.

Reclaiming Equipment

Simplify and organize your reclaim area with the right equipment. Air operated Chemical Pump system that can pump up to 3 different chemicals. Heavy-duty Washout booths, available in durable Polypropylene or Aluminum. High Powered pressure cleaners, Water Filtration systems and Ink removing Recirculation systems.

Chemical Pumping System with color coded nylon coil hoses dispenses up to 3 types of chemicals from 5gal Pails or 55gal Drums

Washout Booths made from heavy-duty Polypropylene & Aluminum, include Screen support, Squeegee holder and back-light

Pressure Washer pumps water at high speed to assist in screen cleaning and reclaiming

Recirculation systems for the removal of Plastisol and Waterbase inks, separates the solids thru 2 filters

Complete filtration systems for removal of all waste (Plastisol, Waterbase inks & Emulsion) particles from the water. Stay compliant while reclaiming screens

Misc. Supplies & Accessories

Thermo-Labels Stickers

Thermo-labels are an easy way of testing your Dryer's temperature to ensure proper ink curing. Our #8 Labels have a wider temperature range from **280° to 360° F**, Sold in Packages of 16 strips

Digital Temperature Probe

To produce good prints, ink must be properly cured. Thermo-probe gives you precise and accurate temperature readings (-59° – 950°F) Thermo-Probe comes equipped with an Infrared pointer and 9v battery.

Screen Blockout Tapes

We carry in stock a large selection of Screen Tapes & Block-out Tapes; each features a strong hold and peels evenly. Available are White Screen Tape 2", 3" and 4" x110yards rolls, durable and economical Masking Tape in 2" x60yard rolls & Solvent Resistant Tape 2" x60yard rolls stronger than most tapes, excellent for re-tensionable frames and resistant to most clean-up solvents.

Masking Tape is a durable, peels evenly and economical. Available in 2" x 60yards rolls. (Sold by the roll or by the case of 24).

Vinyl Tape Screen Block-out Tape strong hold and thick and peels evenly. Available in Whi 110yards - rolls. (Sold by the roll or by the lot: 6, 18, 24, 36/case)

Pallet Protect Tape

Florida Flexible carries a wide assortment top quality and durable Pallet protect tapes to make your production run as smoothly as possible. Heat resistant, peels uniformly when removed and can be cleaned for several uses. Available sizes in stock: PT 16" 18 & 24" wide x 100'ft long rolls.

Need to do NUMBERS?

We have the solution for you… we offer 2 numbering systems.

Number KIT-2 is designed for the small shop in mind, economical and with the ability to do 1-digit or 2-digit numbers. **Includes:** 1 Master Frame, 20-single digit screens, 2-squeegees, your choice of 6" or 8" pre-burned numbers & a Coater.

Foils & Flock Transfer

Specially formulated and quality-tested, Textile foil was developed to provide a high tolerance within a broad temperature range and an easy release.

No other foil in the market comes close to the excellent wear-ability and superior wash-ability of this foil. You are going to love our Textile foils and the beautiful metallic brilliance our wide selection of shades we provide. Textile Foils offers the perfect metallic shades for textile foil.

Recommended Fabrics: Cotton, Polyester & Blends

Recommended settings: 20psi at 385°F for 15 seconds

Visit the Foil section in our website for Tips and Application

Miscellaneous Supplies

Plastic Ink Spatulas

Inexpensive plastic ink spatulas 12” & 8” inches long with a 4” inch handle are available in stock and sold individually or by the dozen. Hard plastic center minimizes warping and makes it easy when moving ink from and to the screen.

Ink Mixing Blades

Metal ink knifes with a wooden handle excellent for mixing small batches or ink placement in the screen, available in sizes 6” inches long.

Spray Bottles, Brushes & Sprayers

The medium grade abrasive pad removes ink, emulsion and haze without damage to the screen surface. Sold individually & cases of 24. Available in Replaceable Red Pad and Green Handle and Blue Disposable with white handle.

Heavy duty 32oz Spray Bottles with a powerful and durable sprayer heads are available and always in stock.

Empty Containers

We carry a wide selection of containers in stock:

- Ink containers: 16oz, 32oz, 1 gallon and 5 gal pails with Lids.
- Chemical containers: 32oz, 1 gallon Jugs and 5gal pails with spout all solvent resistant.

Disposable Gloves

Keep your Press and Ink area clean by using affordable disposable gloves. Available in Large & Xtra-Large sizes. *Sold in: 100/box*.

Heavy-Duty Gloves

Durable solvent resistant Gloves for reclaiming screen, protects your skin against harsh chemicals during the reclaim process. Sold in pairs (2pack)

Ultimate Clean-up Cards

Heavy-duty disposable cleaning cards are tough enough to card out plastisol inks from your screen and emulsion from your coater. Clean-up cards are especially coated with a non-stick surface. Clean-up cards are sold in boxes of 250 & 500pcs.

Heavy-Duty Pellons

White & Black - Pellons (Test Squares)

Heavy-duty Pellons Designed not to shrink when flashed cured or ran through a dryer. Available in Black and White in sizes: 15x15” and 14x20” in packs of 100.

Washout Booths

Our line of washout booths come with a variety of features, from screen holders and squeegee hooks to backlighting and pressure washer wand support on select units. The WDX line features a full ceiling and front splash guards to help reduce the amount of spray that gets outside the sink.
Florida Flexible has the washout booth that fits your needs, from the ultra-affordable UPS-shippable KDL series to the larger and durable Aluminum washout units.

Upgrades & Accessories for your Washout Booth:

Backlight fixture: Having a backlit booth allows you to check as you develop your image, eliminates errors and allows you to see clearly if all of the emulsion has rinsed away. This option comes with foot pedal & 4 lights fixture.

Squeegee Rack: wall or sink-mounted rack to store used or clean squeegees. The Squeegee Rack holds up to (5) five squeegees and is made of Aluminum for easy cleaning.

Dip Tanks

Dip Tank Packages Available

Heavy-Duty Medium & Large size Dip Tanks built of 3/8" welded polypropylene. Ships UPS and comes standard with a screen hold down rod and a lid to minimize solvent evaporation when the system is not in use.
The *Medium Tank* holds up to 14-gallons of Dipping solution and (4) four 20x24 size screens. The *Larger Tank* holds up to 37-gallons of Dipping solution and up to (6) six 23x31 size screens. *Dip Tanks will save you time and money.*

Filtration System

Filter One, an under-sink filtration system that utilizes a dual-tank design to trap ink and emulsion solids before they reach the city sewer outflow. The Filter One hooks up to your present plumbing, and when used with *biodegradable, non-toxic* **Bio-1 Ink Degradent**, discharge from the system is ***drain safe***. It's extremely easy to operate and fits neatly under any of Blackline's washout booths, making a cost effective waste

Recirculation System

Super-Trap is designed to turn your washout booth into an ink removal station. Under-sink version with a 15-gallon recirculation system that can be easily installed to any of washout booth, once installed this unit traps and filters ink sludge and recirculates your Plastisol Ink Wash solvent, allowing it to be reused many times over, saving both time and money.

MESH

Screen Mesh

Whatever the application, we have the Screen Mesh to meet your needs. Our mesh selection will not only improve your print quality it will also save you money. The perfect dimensional stability, uniform openings & fabric thickness for a controlled ink deposit.

- Wide selection available in STOCK
- Fabric colors: White 40ct thru 180ct & Yellow 180ct thru 305ct.
- Available width in sock: 62" inches.
- Sold by the "Yard" – *Bolt quantity pricing available!*
- Wide selection of mesh counts from 30ct thru 305ct.
- Mesh counts: 355, 380 & 420ct are available on special order.

High Tension Monofilament Polyester Mesh Specifications

Mesh Count **Standard vs. Metric** t/inch	t/cm	Type of Weave **PW or TW**	Thread Diameter **microns**	**Open Area %**	**Color**	**Application**
40	15	PW	200m	50%	White	Textile: Glitters & Crystalina
60	24	PW	120m	46%	White	Textile: Foil /Flock Adhesive
83-86	34	PW	100m	43%	White	Textile: Metallic & Puff Inks
110-125	43	PW	80m	41%	White	Textile: Whites & Discharge Inks
156-160	62	PW	64m	33%	White	Textile: Whites & Colors
175-180	71	PW	55m	32%	Yellow	Textile: Underbase White & Colors
195-200	77	PW	48m	28%	Yellow	Textile: Fine lines & Halftones
230-255	90	PW	48m	27%	Yellow	Textile & Graphics: Halftones & Details
275-280	110	PW	40m	26%	Yellow	Textile & Graphics: Halftones & 4color Process
305	120	PW	40m	20%	Yellow	Textile & Graphics: 4color Process CMYK

Accessories

Mesh Determining Chart

Take the guess work out of cataloging your frames and mesh inventory with a Mesh Determiner. Works for both Mono and Multifilament mesh counts. Works with Mesh counts: 24ct thru 380ct.

Liquid Staple Adhesive

LS-535 is a unique 2 part solvent solution that sets rapidly, bonds fabric to frames made of WOOD, METAL and PLASTIC. Liquid Staple must be catalyzed with hardener before use, 2oz per Gallon or ½ oz per quart. LS-535 is sold in 32oz Quart & 1gallon sizes with Activator catalyst included.
** Mix only the Liquid Staple that will be used within 8 hrs.*

Frame Adhesive Kit

Saatichem CA-50 is a 2 step Frame Adhesive kit; unlike the Liquid staple no mixing is required. Activator is applied after the adhesive is placed on the frame. Activator hardener is available in Liquid pump and Aerosol Spray.
CA-50 is sold in 16oz Adhesive and 8oz Activator *(Plastic spreader included)*

WHITES

When it comes to White ink, our experience will ensure that you will always find the right one here! That's because we offer you a wider selection of White inks for your particular production needs. Our Whites are Creamy with excellent Opacity and Fast Flashing.

Cotton & Blends

9006FF Cotton Sun White

Excellent as both a stand-alone and underbase white with moderate bleed resistance on 50/50 blends. Cotton Sun White is Fast-Flashing with a matte finish for a low after tack and great mat-down properties.

Best results with mesh counts: 110 thru 156ct/in

9002SW Brite Star White HO/LB

Designed as a Highlight white very optically bright white with a matte finish, excellent printability across a wide range of mesh counts.

Best results with mesh counts: 110 thru 180ct/in

9001GW Ultimate White HO/LB

Our best white! Great opacity and mat-down properties, recommended for finer details and half tones. Excellent as a stand-alone and underbase white.

Best results with mesh counts: 156 thru 195ct/in

Polyester 100%

9007PW Ultra Poly White

Enhanced formula provides easy manual and automatic printing on 100% Polyester, Tri-blends, Drifts and Poly blends 60/40.
Excellent bleed resistance to battle dye-migration from Polyester shirts.

Best results with mesh counts: 110 thru 156ct/in

9008PW Titan Poly White

Superior bleed resistance against the worst dye-migrating polyesters garments in today's market.
Titan Poly is a High opaque, very creamy with fast flashing properties.

Best results with mesh counts: 110 thru 180ct/in

9004PW Polyflex Stretch White

Designed for printing on Lycra, Spandex and tri-blends containing Stretch Polyester.

9005NW Nylon White HO/LB

Designed for printing on 100% Nylon fabrics, Micro-mesh, Dazzle & Jerseys.

Best results with mesh counts: 86 thru 110ct/in

Tips and suggestions…

- Please refer to the product tech sheets online at *floridaflex.com* for additional information.
- Always test substrates for dye-migration prior to production.
- When possible implement a Highlight white (additional screen) to maximize fiber mat-down, increase opacity and a softer hand.
- Underbase white mesh: 156ct/in
  Highlight white mesh: 200ct/in
- Good screen tension combine with the correct squeegee profile increases coverage and definition.

Additives

3000FF Curable Reducer
Add 5-10% to reduce viscosity for printing with higher mesh counts.

3004FF Just Soft Base
Add 15-20% to create soft effects that simulate Waterbase textures.

3010FF Stretch Additive
Add 15-20% to increase flexibility for printing on Lycra & Spandex.

3060FF Nylon Catalyst
Add: 10% to increase adhesion when printing on to Nylon materials.

3035FF Suede Base & 3045FF Puff Base
Add 20% for a Durable 3D raised effect with a softer touch.

FLORIDA FLEX
www.foridaflex.com

WHITES

Proper ink curing is essential for all screen-printers. Today's Polyester based, Cotton blends and Nylon fabrics present serious production challenges for even the most experienced printers. Many of these fabrics are prone to dye-migration and some have very low heat resistance.
We stand ready to guide you thru these variables.
Call us today at 305-512-2222 or email: sales@floridaflex.com

General guidelines and recommended settings

Flashing & Curing:

We recommend checking your fabric composition prior to scheduling production, if your garment is not clearly marked contact your garment supplier. This will not only ensure that you select the proper white ink but also the right temperature for flashing and curing based on the particular composition of your garment.

Heavier 100% Cotton garments retain more moisture therefore the have a higher heat tolerance while some Polyester blends and Nylon materials require lower temperatures.

General Flash operating instructions:

- *Position and Level your Flash panel above the pallet and make sure that it covers fully your print area.*
- *Most Infrared Flash cure units require approximately 5-10 minutes warmup to reach temperature prior to production.*
- *Check periodically your flash panel with a Thermo-probe or Thermo-labels to ensure proper temperature.*
- *Average Flash Temperature ranges between 180° - 195°F, however, due to differences in power, distance from the garment, printing mesh and efficiency of your flash unit, a specific dwell time cannot be given.*

Material/ Fabric	Inks	Distance from surface	Approx. Flash time
Cotton 100% & Blends	Cotton HO/LB Whites	3" - 4" from surface	7 – 10 seconds
Polyester 100% & Blends	Poly Whites	4" - 5" from surface	5 – 10 seconds
Nylon, Jerseys & Drifits	White w/Nylon Catalyst	5" - 6" from surface	7 seconds
Poly Recycled Bags	White w/ Nylon Catalyst	6" from surface	5 seconds
Canvas Bags	White w/ Nylon Catalyst	5" – 6" from surface	7 seconds
Lycra & Spandex	White w/Stretch additive	6" from surface	5 seconds
Nylon /Duffle Bags	White w/Nylon Catalyst	6" from surface	5 seconds

A few tips…

Incorporating the use of higher mesh counts for your flash screen will reduce flash time, resulting in faster production. Adjust your setting so that the ink is just dry to the touch. Avoid excessive over-flashing, as it can result in poor inner-coat adhesion of overprint colors.

Curing Temperature:

Most plastisol inks cure at 320°F Curing tests should be performed prior to your printing production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion and lower durability. Always wait for the ink to cool down to before testing. ***Test for durability by performing the wash test. Test for elasticity by performing the stretch test.***

SCREENS

Aluminum Frames

Heavy duty construction, light weight and excellent tension Aluminum frames offer an economical alternative to re-tensional roller frames.
We carry sizes in stock of 20x24, 23x31 & 25X36 OD ***(Outside Dimension)***, all frames are pre-stretched with a mesh count selection ranging from 40ct up to 305ct.

Mesh Count	Application
Mesh: 40 - 60ct	Glitters/Crystalina
Mesh: 86 - 125ct	White Plastisol & Waterbase
Mesh: 156 - 200ct	Colors Plastisol & Waterbase
Mesh: 230 - 280ct	Halftones & Higher Details
Mesh: 305 - 355ct	4color Process

Accessories

Table Top Hinge Clamps
Easy to use hinge clamps, constructed from cast aluminum, hold all wood or metal screens from 5/8" to 2" thick. Locking action firmly holds screen in place for positive registration and allows for fast changeover between jobs.

Screen Coating Support
This Table top Screen Coating Holder is uniquely designed to mount on the coating table and allows you to coat screens easily and consistently in the same angle. This screen holder eliminates any movement of the screen on the table.

Screen Racks
Our Screen Rack is perfect for shops of any size. This unit holds 20 frames, included with heavy-duty casters and holds both 20 x 24 & 23 x 31 frames. It's also large enough to hold roller frames without having to angle them. This unit ships UPS and minimal assembly is required.
We make custom size Racks to fit any of your frame need.

Do you have older broken frames or simply want higher tension??

Send us your old tired frames for re-meshing. We offer quick turn-around, economical price and properly stretched at the right tension. We offer re-meshing in mesh counts starting at 40ct and up to 305ct on any size screen.

Need a special size Screen?? We custom make Aluminum Frames to your exact requirements, call us today.

Reclaim Chemicals

Kor-Chem, Inc.
Setting Limits By Probing The Impossible

Reclaiming Products

Ink Removers

BIO-1 Ink Degradent
A powerful Ink Degradent designed to remove ink quickly from the screen, biodegradable and drain safe. Use as Degreaser & De-hazer to completely remove any remaining ghost or image stains that may remain after emulsion removal. Apply to both sides of your screen by brush and rinse with water.
(Drain safe & Biodegradable) Sold in: Quarts, Gallons & 5gallons.

PPI Plastisol Inks Wash
Very economical completely biodegradable cleaner that is specially formulated for the removal of all Plastisol inks without softening or damaging your Stencil. This products is also, designed to be use in most Recirculating units. *Sold in: Quarts, Gallons & 5gallons.*

On Press Cleaners

Pro-Wash
An excellent press side cleaner designed to work quickly and efficiently on all Plastisol and Waterbase inks, excellent for changing colors during production it evaporates fast without leaving any solvent residue in the screen.

PC-235
Powerful press side cleaner, excellent for Graphic and Textile shops. Cleans quickly all types of inks *(Plastisol, Waterbase and Graphic inks)* evaporates quickly with no residue and can be used to remove pallet adhesive. *Sold in Quarts, Gallons & 5gallons*

Emulsion Removers

ER-5
Ready to use Liquid Emulsion Remover formulated strong to easily dissolve & remove Emulsions and Capillary films. *Sold in Quarts, 1gallon & 5gallons*

ER-130 - Concentrated Emulsion Remover 1:30
Our most highly concentrated liquid Emulsion remover, designed to easily to dissolve in water at a ratio of: *1quart makes 5gals and 1 gal makes 20gallons.*

SMP – Stencil Remover Crystals
Concentrated emulsion powder, dissolves at a ratio of 1 to 20 parts of water to make reclaiming solution. Mixing: 1 lb makes 15 gals of Emulsion Remover. *Sold in 1 lb (pound) jars*

CP-2 Ink & Emulsion Remover
Remove Ink & Emulsion in one step with CP-2, this 2in1 solution can be used as a Spray or in a Dip Tank application. *Mix: 1 part CP2 with 4 parts of water, sold in 1quart, 1gallon & 5gallons.*

Degreasers & Dehazers

H7 Liquid Degreaser
H7 is designed to improve adhesion and proper emulsion coating, non-abrasive fabric treatment that acts like a wetting agent. *(For use before each stencil preparation)*

Green-Scrub Dehazer /Degreaser
Non-Corrosive, Biodegradable gel that removes haze and image stains that remain on the screen following the emulsion removal process. *(This product contains Degreasing properties)*

Remove – HR-3
Viscous Paste specially formulated to remove imbedded stains caused by UV and Plastisol inks that remain on the screen after emulsion removal. ***(Corrosive solution** - Wear protective gear when using this product)*

LB Plastisol Screen Printing Inks

LB – Polyflex Low Bleed Colors

POLYFLEX Opaque/Low Bleed colors are excellent for automatic and manual printing directly over Dark Cotton & Polyester substrates. They have great Build-up resistant and a wide standard color range. POLYFLEX **Opaque/ Low-Bleed** Colors offer superb opacity and are great for over-printing onto flashed white!

PRINTING RECOMMENDATIONS:
Fabrics: 100% Polyester & Poly/Cotton blends
Mesh: 86-125c for optimal coverage
Mesh: 156-180ct for Wet-on-Wet & Overprint
Squeegee: Medium 70Duro/ Straight Edged.

CURING TEMPERATURE:
Flash-cure: 230°F - **Full Cure:** 325°F
Curing tests should be made prior to any production run. Failure to cure properly causes poor wash fastness, inferior adhesion and increased dye migration.

MODIFIERS AND EXTENDERS:
Polyflex Plastisol Inks should be stirred prior to use to determine if modification is necessary. 3000FF Curable Reducer can be added to reduce viscosity at a Maximum addition of 5% by weight.

**** Addition greater than +10% will reduce opacity, affecting coverage and bleed resistance.***

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Standard HO/LB Stock Colors

Polyflex Lemon	Polyflex Lt Gold
Polyflex Orange	Polyflex Gold
Polyflex Scarlet	Polyflex Vegas Gold
Polyflex Royal Blue	Polyflex Sky Blue
Polyflex Kelly Green	Polyflex Lt Gray
Polyflex Ultra White	**Polyflex Titan White**

For additional information on Low Bleed Whites refer to the Whites section in this catalog.

Additives & Modifiers

Reducer:
3000FF Curable Reducer +5% by weight
**To reduce viscosity*

Underbase:
3011PW Polyflex Low-Bleed Clear
**Under-print with 86-156ct mesh*

Additives:
3010FF Stretch Additive
**To improve flexibility add: +10% by weight*

3020FF Hot Split Transfer Additive
**To make Hot Split transfers add: +10% by weight*

3060FF Nylon Catalyst
**To print on Nylon Jerseys add: +10% by weight*

Bases/Specialty:
3030FF Suede Base +10% by weight
3040FF Puff Additive +10% by weight

Polyester Athletic uniforms

4C Plastisol Screen Printing Inks

4C – Process Inks CMYK

Halftone Inks for Four Color Process Printing

4-Color Process inks are formulated to achieve the cleanest and highest intensity of color in textile halftone process. These pure, transparent colors are designed for high productivity, direct wet-on-wet printing. 4/C Process colors have excellent resistance to build-up, superb printability, extremely soft hand and minimal dot gain.
4-Color Process inks were designed to allow the printer to achieve a multitude of colors within the color spectrum by using a minimal number of inks. Flashing is only recommended during on-press registration only.
Proper Artwork Separation is crucial to achieve a successful 4-color process.

PRINTING RECOMMENDATIONS:
Substrates: White 100% Cotton & Cotton blends
Mesh: 280-305-355ct well tensioned screens - 25 newton
Squeegee: 80-85duro hard squeegee with a 45° angle
Stencil: for best results apply a thin layer of Direct Emulsion

MODIFIERS AND EXTENDERS:
To extend or reduce use: 3001FF Soft Hand Clear 5-10% by weight
*** 4-color process inks should be stirred prior to use to determine viscosity and avoid over-extending*

FINAL CMYK

DETAIL VIEW

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Standard 4C Colors

I10-8902 Process Cyan	**I10-8906 Process Magenta**
I10-8903 Process Yellow	**I10-8915 Process Black**

Ink values for Adobe Photoshop

Color	Y	x	y
Cyan	18.094	0.1671	0.2625
Magenta	13.51	0.5122	0.3106
Yellow	74.706	0.4582	0.492
Cyan-Yellow	16.919	0.2971	0.5016
Magenta-Yellow	20.852	0.4828	0.3971
Cyan-Magenta	6.344	0.2627	0.2531
Cyan-Magenta-Yellow	11.364	0.3323	0.4335
Black	4.819	0.3323	0.4335
White	93.102	0.3161	0.3346

*** Follow recommended procedure for Process colors below*

Printing with C M Y K

4 Color On-Press Settings

- Set pressure just enough to achieve good coverage. Once set do not adjust pressure or it will alter the final shades
- Print each of the four colors separately, preferably on the same type of fabric to be used for production. If each color appears strong and vibrant, proceed to the next step, if not, repeat step one.
- Print Yellow and Magenta together and evaluate the resulting orange tones against the color key provided by the separator. If the oranges are too yellow add Clear Base to the yellow to weaken the color strength. If the orange is too red, add the Clear Base to the magenta to weaken the color strength.
- Print Magenta and Cyan together and evaluate the purple tone to the color key. If the purple is too blue add Clear Base to the Cyan. If the purple is too red add Clear Base to the Magenta.
- Now print all colors together and evaluate the Black. If the Black is too strong add Clear Base.
- Print all colors, lightest to darkest, together and compare to the color key.
- Keep the setup as stable as possible. Increasing or decreasing squeegee pressure or the number of strokes will change a color's value and alter the overall finish print.

Reclaim Accessories

Disposable Brushes
Durable scrub brushes with handle, Blue brittle pad with white handle. Will not damage your mesh and a comfortable handle allows you to reach all those hard to clear corners. *Sold individually or by the case of 24.*

Hand Cleaner & Wall mount Dispenser
We are very happy to introduce the NEW formulation for our Screen Printer's Hand Cleaner. It's an All-Natural Industrial Hand Cleaner with superior Skin conditioners. This new super concentrated formula reduces use of hand soap by up to 75% and washes away completely leaving no residue.
Non-Solvent Formula Eliminates Drying and Cracking, Contains Natural Walnut Shell Scrubbers & Washes Away Completely with No Greasy Residue

Chemical Reclaim Kits - Get everything you need to get started.
1qt **BIO 1 Ink Degradent, Degreaser/Dehazer** , 1qt **ER188 Emulsion Remover,**
1qt **Pro-Wash Press Wash** & 1- **Green-Scrub Stain Remover**
Also included: 3-Heavy duty Sprayers, 3-Scrub Brushes & 1-Hand Cleaner 8oz.

Spot Removing Products

Spot Remover Spray
Very powerful Spot Remover, 'spray on textile', 'allow it to dry' and 'simply brush off'. Use on all types of Textiles to effectively remove difficult oil-based stains from garment that occur during production. *Size: 15oz Can*

AlbaChem Dry Cleaner Spray
Powerful spot and stain remover spray for all types of industrial stains including uncured screen print ink. Also works as an excellent cleaner/degreaser with NO VOC's. *Size: 15oz can*

Scorch Remover
Expert Scorch Remover instantly removes scorch and light burn marks form clothing. Packaged in a pump spray container, Expert Scorch Remover is easy to apply. After spraying Expert Scorch Remover on the mark, simply run the fabric through the conveyor dryer. *Size: 13oz Spray bottle*

Spot Remover Fluid
Completely removes cured plastisol inks, most water-based inks, flock lettering and adhesives from all textiles. Its unique full strength oxygenated formula leaves fabric free of any trace of the ink smudge. This ensures that the ink marks are removed using a minimum of product. *Sold in 1gallon, 5gallons & 55gals/Drum*

Spot Removing Equipment & Accessories

Spot Cleaning Gun
The Spot Removing gun is an essential tool in the screen-printing shop. Remove cured Plastisol & Waterbase ink stains in flash. Powerful & Economical.

Venta Superkleen Station
These units are designed to vent out from the shop all of the toxic fumes and smell left behind by the evaporation of the cleaning fluid. Venta units also accelerate the drying time to minimize ring stains.

We carry replacement parts for Spot Cleaning units in stock. Replacement Nozzles, Fluid cups & Gun reels.

EMULSIONS

Emulsions

Photopolymer Emulsions

Textil PC Blue - SBQ Photopolymer direct emulsion is ready to use, ultra-fast exposing and designed for use with Plastisol inks. PX Blue is extremely durable and reclaims easily. **PC Blue** high solids content provides superior coating properties, better bridging to coarse fabric and fast drying. ***Plastisol inks*** *(Waterbase inks with Hardener)*

Textil PV - SBQ Photopolymer direct emulsion designed for general garment printing applications exposes approximately 8x times faster than Diazo /Dual Cure Emulsions in some light sources. Resistant to Plastisol inks, abrasion and high humidity. ***Plastisol inks*** *(Waterbase with Hardener)*

Universal Photopol has a HIGHER SOLID CONTENT and more transparent RED color. This is our most economical and durable pre-mixed emulsion. This emulsion is excellent for Plastisol ink users, also has high resistant to Solvent-based inks such as Vinyl, UV, Enamel & Acrylic, it is very fast exposing and super easy to reclaim. ***Plastisol & Solvent inks***

Dual Cure Emulsions

Textil-DW Emulsions are formulated for use with Water-based and Plastisol inks. Textil-DW produces stencils with high resolution and edge definition, water resistant but easy to reclaim. Textil- has excellent exposure latitude when working with low intensity light sources. ***Plastisol & Waterbase*** *(Discharge inks with Hardener)*
This emulsion is also available in **CLEAR** and supplied with a color dye bottle separately.

Graphic HU is an abrasion resistant, general purpose emulsion for use with solvent-based inks, such as Enamel, Acrylic, Vinyl and U.V. Graphic HU emulsions produce stencils with excellent resolution and definition using low intensity light sources. This Emulsion is especially recommended for use in Plastisol printing operations when aggressive solvents are used during wash-up. ***Plastisol, Solvent & Waterbase*** *(Discharge inks with Hardener)*

Selecting your Emulsion

To select the proper emulsion you must consider the following:

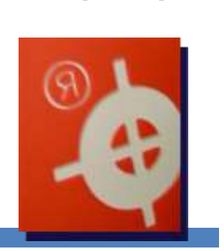
- The type of Ink used
- Thinner and Wash-up solvents
- The printing application & quality requirement
- The type of light source available

Type of Ink	Recommended Emulsion
Plastisol Inks	Textil DW, Universal Photopol, Textil PV, Textil Blue & Grafic HU
Water-Based Inks	Textil DW, Graphic HU
Aggressive Solvents-based inks	Graphic HU & Universal Photopol
Discharge Inks	Implement Screen Hardener – Fixer 9

Capillary Thick Films

Printing High Density inks has never been easier with Capillary Thick Films. Thick Films are available in thicknesses from 100 up to 400 microns. Capillary Thick-Film is ideal for the production of thick stencils for specialty printing needs, including High Density, Puff, and 3-Dimensional effects for imprinted sportswear. Capillary Thick Films utilize pure photopolymer technology to assure extended shelf life and minimal influences from heat and humidity, the fastest possible exposure speed, good imaging properties and on-press durability.

Capillary Thick-Films offer significant savings in labor and production time over the use of direct emulsion to produce stencils of similar thicknesses. Exposure time depends on Film Thickness & exposure light source, thicker film (300-400microns) may require up to -5 times longer exposure time.



HO Plastisol Screen Printing Inks

HO – High Opacity Inks

Opaque Colors for Printing on Dark Fabrics

(HO) High Opaque colors are excellent for automatic and manual printing directly over Dark substrates. They have great Build-up resistant and a wide standard color range. **High Opacity** Colors offer superb coverage directly over Dark colored garments and are great for over-printing onto flashed white!
Use 9008PW Titan Poly White when printing over Polyester 100% garments to prevent migration.

PRINTING RECOMMENDATIONS:
Garments: Darks 100% & 50/50% Poly/Cotton
Optimum opacity use: 125-156ct mesh
Fine lines/ Details use: 156-230ct mesh
Squeegee: 70Duro/ Straight Edged.

CURING TEMPERATURE:
Flash Cure: 230°F
Cure Temp: 320°F
Curing tests should be made prior to any production run. Failure to cure properly causes poor wash fastness, inferior adhesion and increased dye migration.

MODIFIERS AND EXTENDERS:
Plastisol Inks should be stirred first to determine if modification is necessary.
* *Addition of Reducers or Extenders greater than 10% (by weight) will reduce opacity.*

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High Opaque Colors

3002-HO Lemon	4340-HO Dallas Green
3001-HO Light Gold	5013-HO Marine Blue
3372-HO Gold	5002-HO Light Royal
7109-HO Dolphin Orange	5048-HO Sky Blue
6008-HO Drake Red	5120-HO LT Blue
2065-HO Dark Brown	5040-HO Turquoise
3500-HO Spice Lt. Brown	2250-HO Gray
6480-HO Brandywine	5250-HO Bears Navy

Standard (HO) – High Opaque Colors, available in stock

Additives & Modifiers

Enhance, Extend & Modify

Bases and Additives are designed to enhance performance, extend the ink or modify its viscosity. They are divided in these categories:

Reducers: designed to reduce tackiness and improve ink flow properties
- Curable Reducer – 3000FF
- Liquid Reducer – 3015FF

Extenders: increase volume, softens and extends your plastisol inks:
- Soft Hand Clear – 3001FF
- Just Soft Base – 3004FF

Additives: enhance performance for a variety of applications:
- Stretch Additive – 3010FF
  - *Add: 15% for Lycra & Spandex*
- Hot Split Transfer Additive – 3020FF
  - *Add: 10% for hot split transfers*
- Dulling Additive – 3050FF
  - *Add: +5% for Matte finish*
- Thickener Powder – 3075FF
  - *Add: +5% to increase viscosity*
- Anti-Foil Additive – 3115FF
  - *Add: +15% Foil anti-stick*
- Nylon Catalyst – 3060FF
  - *Add: 10% for Nylon fabrics*

Bases: designed to create textures and facilitate specialty applications
- Puff Base – 3045FF
- Suede Base – 3035FF
- Hi Density Clear Gel - 3090FF
- Low Bleed Clear Coat Base – 3300FF

Plastisol Mixing System

Pantone Color Matching System

Pantone Ink Mixing System

PIM© is a Color to Color matching system that allows the user to simulate PANTONE™ shades with just 16 Primary strong, bright, High Opaque colors with improved crock resistance and excellent coverage. It's easy to use and mix, PIM© system gives you total ink room control.

Download Software and Color Card at: www.floridaflex.com

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I65-9000A Mixing White HO	I65-5001A Mixing Marine HO
I65-2000A Mixing Black HO	I65-5000A Mixing Blue G/S HO
I65-3000A Mixing Yellow HO	I65-8001A Mixing Flo Pink HO
I65-7000A Mixing Orange HO	I65-8002A Mixing Flo Magenta HO
I65-6001A Mixing Red B/S HO	I65-8003A Mixing Flo Yellow HO
I65-6000A Mixing Scarlet HO	I65-8004A Mixing Flo Purple HO
I65-5500A Mixing Violet HO	I65-8005A Mixing Flo Blue HO
I65-3001A Mixing Gold HO	I65-8006A Mixing Flo Orange HO
I65-4000A Mixing Green HO	I12-1002A Opaque Base HO

Easy to operate software, includes formulation for the latest Pantone C (Coated) and Pantone U (Uncoated) books. Simply type PMS code, enter desired mixing quantity, (Pint, Quart, 1/2gallon, 1gallon or 5gals.

Mixing Accessories

Accuracy is important when color matching that's why the SC1500 Compact Gram Scale is perfect for measuring ink Samples, Pints & Quart color batches. Weight limit from: 0.1g up to 1500grams.
Power supply, Battery backup and Memory included.

Pantone Color Books

Pantone Color guides are an essential tool in your screen-printing shop. There are several to choose from depending on your application. Our most popular book is the Pantone Coated/Uncoated Plus series guide, widely used in our industry for color matching. Pantone Books are sold in a set of 2 Books (Coated & Uncoated)

Mixing Containers

Economical clear plastic mixing containers, available in 16oz & 32oz (lids included) keep your mixing area organized.

Disposable Gloves & Aprons

Keep the ink off your clothes with our economical & disposable gloves and plastic aprons, available in large. *Sold in: 100 /per Pack*

Ink Mixing Spatulas

Economical and strong stainless steel 6" inch blade with a sturdy wooden handle.

Accessories

Darkroom Accessories

Emulsion Coaters

Economical Dual edged coaters with one sharp edge for minimal emulsion deposit and a rounded edge for thicker layers are available in stock in sizes from 6" up to 22" inches long. Custom sizes are also available upon request.

Monster Max Emulsion Coater

Simply the best Coater in the market, the Monster-Max is an all-metal scoop coater with fully adjustable stainless steel end caps. The end cap configuration greatly reduces emulsion streaks on the sides of your screen.
"Original" End Caps with two different coating angles - feature lid claws for easy opening of emulsion lids.

Exposure Calculator

When switching emulsions or trying a new emulsion for the first time, it's important to use an exposure calculator. These simple steps help you narrow down to the proper exposure time, saving you valuable time and money.

UV Blocking Safety Sleeves

Our Dark Amber UV blocking T8 fluorescent safety tube sleeve filters up to 395 nanometers. It is constructed of shatter resistant polycarbonate and is UV protected. It has 0% transmittance of UV below 395 nanometers. Our unique relationship with its manufacture allows us to offer you a true UV Safety sleeve at the best pricing. Available for T8 & T12 Lamps, don't be fooled by imitations in the market.

Table Top – Coater Support

Screen Coating Holder is a unique tool that mounts on your coating table allowing you to coat screens consistently and at the same angle, every time. The screen angle is pre-determined, so simply place the screen into the slot. This screen holder eliminates any movement of the screen on the table. You just coat one side, flip the screen and coat the other side.

T-Square it

Align your film positive correctly with when working in your darkroom, T-Square-it takes the guessing out helping you keep it straight. Compact & excellent for lining up your screen on the press.

Blockout

Solvent-Resistant Blockout Finish S1 (Water-soluble) is our most popular and economical, use with solvent-based & plastisol inks, cleans with water. *Color: Red, Sold in: Quarts & Gallons*

Blockout Pen

Quick dry, convenient and easy to use! Block-out pens are the excellent solution to blocking out pin holds. Use them on your light table or on the press. Covering pin-holes has never been easier. *Color: Green*

Blockout Tape

Block away open areas of your screen with durable & easy to remove Blockout Tape. We offer 2 types: Vinyl for Plastisol & Waterbase users and Masking for Plastisol. *Sold in: 2", 3" & 4" wide*

Emulsion Hardener Liquid

FIXER #9 is a liquid stencil hardener formulated for use with all direct emulsion to improve its durability and water resistance. FIXER 9 can be used with other textile emulsions but multiple applications will make stencil removal more difficult. *Sold in: Quarts & Gallons*

Inkjet & Laser Film

Inkjet Waterproof Film

High quality Inkjet film for making screen printing positives (or negatives) using a desktop computer and Inkjet printer. Compatible with all Epson inkjet printers.
Quick drying & Sold in packs of 100 sheets & 100'ft Rolls.

- Works with Both Dye and Pigment Inks;
- 4 Mil Thickness Provides Better Handling & more density.
- Fast drying time & Developed for Print positives.

Epson Model Printer	13" wide	17" wide	24" wide	44" wide	Roll /Sheets Max. Size	All Black
Workforce WF-7010	√				Sheet 13x19	CIS /RF
Artisan 1400 /1430	√				Sheet 13x19	CIS /RF
Stylus R1800 /R1900	√				Sheet 13x19	CIS /RF
Stylus R2000	√				Sheet 13x19	CIS /RF
Stylus Pro 3880	√	√			Sheet 17x22	RFC
Stylus Pro 4000 /4800 /4880	√	√	√		Roll 17" wide	RFC
Stylus Pro 7000 /7700 /7880	√	√	√		Roll 24" wide	RFC
Stylus Pro 9600 /9880	√	√	√	√	Roll 44" wide	RFC

*CIS = Continuous Ink System**
*RFC = Refill Cartridges**

All-Black CIS & Refill Kit

Convert your Inkjet Printer to All-Black systems lower you ink cost and reduce your inventory of cartridges to Black. Economical, Easy to install and operate. Choose from Continuous Ink system or Refill Cartridges kits.
Our packages include: your choice of CIS or Refill Cartridges, Refill syringes, 1 litter of UV Blocking Black and inkjet film.

UV Blocking Black is an Inkjet black ink for All-Black system, compatible with pigment & dye films, works great with CIS & Refill Cartridges systems, compatible with most Epson Inkjet printers, check the list above for the available printer models.

Inkjet Cleaning Solution compatible with most Epson printers, helps maintain your Epson print heads running smoothly, unclog dried up old ink and excellent for ink application change over.

LITHO-Opaque Pen – correct film output imperfections with the touch of a pen. This fine tip pen dispenses quick-dry and opaque dye-based black ink.

EPSON Inkjet Printers
The most economical Desktop models available for Film Positive output.
WF- 7010 13x19 max size film
Artisan 1430 13x19 max size film
Stylus Pro 3880 17x22 max size film

SP Specialty Screen Printing Inks

Metallic, Shimmers & Glitters

Metallic and **Shimmer Inks** have excellent rub and wash resistance. The inks will cover both light and dark garments without under-base of white. **Mesh: 86-125 t/in**
Metallic and Shimmer inks add bright and colorful effects to your designs; our Metallic inks have excellent wash-fast resistance and are available in a large variety of colors.
Glitters, Shimmer & Metallic inks are very opaque and will cover over dark colored materials.

Recommended materials: *Cotton, Polyester & Blends.*
If printing on Nylon materials add Nylon Catalyst +10%
Available colors include Silver, Gold and many other bright colors. Review the technical sheets for additional information and printing specifications.

PRINTING RECOMMENDATIONS:
Shimmers/Metallic
Optimum coverage: 86-110ct (t/in)
Squeegee: Medium/Soft 65-70Duro
Squeegee Pressure: Hard /Speed: Slow

CURING TEMPERATURE
Flash-cure: 230°F
Curing Temp: 320°F
Fusion test should be made prior to any production run. Failure to cure ink properly will result in poor wash fastness, inferior adhesion and possible cracking.

MODIFIERS & EXTENDERS
All Shimmer & Metallic plastisol inks should be stirred prior to use to determine viscosity and if modification is needed.

W.M. PLASTICS

Glitters, Shimmers & Metallic Colors

Shimmer colors	
Siler Luster	Royal Luster
Gold Luster	Fuchsia Luster
Brass Luster	Green Luster
Copper Luster	Purple Luster
Red Luster	Black Luster
Metallic colors	
Silver Metallic	Dk Gold Metallic
Gold Metallic	Copper Metallic
Glitter color .008hex	
Bright Silver Glitter	Black Glitter
Bright Gold Glitter	Pink Glitter
Red Glitter	Magenta Glitter
Royal Glitter	Light Blue Glitter
Jade Green Glitter	Clear Glitter
Purple Glitter	Crystalina Glitter

Glitters are made from an optimum blend of Polyester materials. Our Glitters are precisely cut in hexagonal (size: .008hex) shapes & uniform size to produce the most eye catching colors, shades and decorative effects. You can purchase Glitter in a Plastisol ready to use ink or in Flakes by the pound (lb) for hand application glitter in arts & crafts.

For customers that want mix or hand-apply glitter flakes, we recommend the use of:
3090FF Clear HD Base

- When hand applying simply print Clear HD Base with 60-86 mesh and sprinkle glitter over, apply flash and run Conveyor dryer.

PRINTING RECOMMENDATIONS:
Glitters & Crystalina
Optimum coverage: 40ct (t/in) Mesh
Squeegee: Medium/Soft 65-70Duro
Squeegee Pressure: Hard /Speed: Slow

CURING TEMPERATURE
Flash-cure: 230°F
Curing Temp: 320°F
Fusion test should be made prior to any production run. Failure to cure ink properly will result in poor wash fastness, inferior adhesion and possible cracking.

Plastisol Transfers

TF – Transfer H/S Inks

TRANSFER (HS) Inks Semi-Opaque Heat Transfer Inks formulated for white or light substrates. This ink offers improvements in printability and transfer latitude over conventional hot-split inks. Use for Hot-Split or Cold-Peel process.

TRANSFER HO/LB Inks Super Opaque transfer inks are formulated to give the appearance of a direct print over dark garments. Transfer Opaque colors give excellent opaque prints of high definition using fine screen meshes over dark fabrics. Use for Hot-Split or Cold Peel process. Complete line of Standard Colors, 4/Color Process, Whites & Bases.

Our Hot-Split series is designed to achieve a direct print look with a soft hand and superior detail. Compared to conventional transfer inks, this series has a nice body making it easy to print. We recommend using Hot-Split Transal transfer papers. Always pre-shrink the paper by running it through the dryer or under your flash cure unit prior to printing.
Print in Mirror; last color first, when printing transfers for darks place underbase white last.

PRINTING PARAMETERS:
Substrates: Knitted fabrics, cotton, linens, polyester blends & rayon.
If transferring on to Polyester 100%, use a 9007TF Transfer Poly Bleed Resistant White
NOT RECOMMENDED *for woven Nylon or Lycra.*

Mesh: 60-86 t/in (24-34 t/cm) for better opacity.
Mesh: 110-195 t/in (43-77 t/cm) for fine lines.

Transfer Temp: 365-375°F **– Gel Temp:** 195-230°F »»»
Transfer Pressure: 40-45 PSI **– Transfer Time:** 5-7 seconds »»»

Transfer Bases and Additives

Transfer Adhesive Powder will improve the adhesion of Transfer Inks to a wide range of substrates when cold-peeled. Simply apply Transfer Powder over ink prior to heat pressing.

Transfer H/S Printable Adhesive is similar to the Transfer Powder it enhances adhesion and hot split when using low quality transfer paper. Implement as a last-down to enhance adhesion by using 86-110ct/in mesh, Gel Temp: 210-240°F

Use **Transfer H/S Clear** as a Hot-Split coating onto most coated/uncoated papers to extend the life of your transfer. Great for keeping halftone dots and high details in place when using 4/color process inks. Excellent as a durable clear adhesive, mesh: 23-305ct/in

Transfer with Puff & Suede Base produce multi-dimensional graphics, either as a soft suede or 3dimensional elevated puff effect. Puff & Suede Base can be used in combination with Transfer inks, simply by adding: 20% by weight, Mesh: 60-86ct/in.

3020FF Hot-Split Additive easily converts your standard Plastisol ink to a hot-split transfer ink, excellent for customers who want to print in-house labels. Mix: +10% by weight to plastisol inks.

Transal Premium Paper - Using the right Paper for your transfer application is important; we recommend Transal Premium Hot peel paper available in stock, size: 12.5" x 19" sold in packs of 100 sheets.

Inkjet Heat Transfers

Inkjet Heat Transfer Papers

Inkjet Transfer Paper (White & Light Garments)

Hot Peel Heat Transfer Papers are designed for inkjet printers to transfer photos and images to T-shirts, sweatshirts, mouse pads, puzzles and leather goods. Choose garments that have a tight weave. This product is suitable for Commercial transfer units.
Transfer Time/Temp: ⇓370°F for 20sec. **Peel Hot** †
Available size: 11" x 17" OD - Sold in packs: 25, 50 & 100 sheets

Inkjet Transfer Paper (Black & Dark Garments)

Darks Transfer Papers are designed for inkjet printers to transfer photos and images to T-shirts, sweatshirts, mouse pads, puzzles and leather goods. This paper works a larger variety of garments such as 50/50% and 100% cotton Dark T-shirts. This product is suitable for Commercial transfer units.
Transfer Time/Temp: ⇓320°F for 20sec.
Available size: 11" x 17" OD - Sold in packs: 25, 50 & 100 sheets

Plotters & Vinyl Cutters

Silhouette CAMEO® The Silhouette CAMEO® is an electronic cutting tool for personal use. Like a home printer, it plugs into your PC or Mac® with a simple USB cable. However, instead of printing it uses a small blade to cut paper, cardstock, vinyl, fabric and more up to 15" wide and 10 feet long. The machine also has the ability to register and cut printed materials.

Contents: *Silhouette CAMEO® electronic cutting tool, Silhouette Studio® softwar Power cable, USB cable, 12" cutting mat, Cutting blade & Basic Instruction Guide*

GCC Expert 24 *want more power? Expert 24* is the best choice for beginners and provides transfer vinyl users with optimum speed, superior quality, solid reliability and unmatched value. Up to 15.7IPS (400mm/sec) cutting speed and 250 grams of cutting force. Expert 24 Plotters include GreatCut software all for a great price. ***Available models: 24" & 52"***

Sublimation Paper

Produce premium full-color, photographic-quality images that will not crack, peel or wash away from the substrate.
Available in sizes: 11" x17", 13" x19" & rolls: 24" , 36" & 48" x 100'ft long
Recommend Fabrics: Polyester 100% or items with a Polymer Coating
Transfer Time/Temp: 380°F for 10sec. ⇓
The result is a premium full-color, photographic-quality image that will not crack, peel or wash away from the substrate.

EQUIPMENT

Vastex Manual Press

The **V-1000** is the newest Vastex manual garment printer designed to meet the needs of the entry level screen printer. The V-1000 uses the industry's most unique floating head design. Accurate registration can be achieved without the high cost associated with machines of this capacity.
V-1000 Presses are offered in tabletop and floor standing models from 1-station/1-color up to 4-stations/6-colors.

The **Vastex V2000HD Series** of heavy-duty manual screen printing presses offers the screen printing professional an unequaled range of advanced capabilities that decrease set up time, improve registration accuracy and increase productivity. V-2000 is backed by an unprecedented 25-year warranty, these are industrial-strength machines in every respect, with steel-tube legs, 3 in. (76 mm) square steel rotor arms, heavy-gauge steel rotor assemblies, and never-warp steel pallets, with all critical moving parts — including registration wheel locks — gliding on ball bearings. Fully upgradable from 4-colors up to 10-colors.

Accessories

DiGiT System Athletic Numbers works great with any Floor model Manual Press. It's designed for numbers: 4"inches up to 8"inches, 1-color & 2-color numbers with 6 font styles.
DiGiT kits include: Number Attachments, Screens pre-burned with selected style & size fonts, Squeegees, Screen Squeegee Rests & screen tape.

V2-VAC-1824
The Vacuum Pallet is available with a self-powered with a 120v motor that securel holds in place any flat stock materials such as: Plastic, paper, cardboard or corrugated plastic signs. Excellent for printing Heat Transfer labels,
Transfer paper size: 12.5" x 19" – Vacuum size: 18" x 24" Overall Size: 20" x 26"

Pallet & Attachments
Large selection of Pallets for various applications: Polo, Pocket, Sleeves/Legs, Child, Caps, Jacket Hold-down, Oversized, All-Over pallets, Zipper, Umbrellas & Kouzes.

Heat Transfer Accessories

Heat Transfer Press

Tag & Label Heat Press with Teflon coated 6" x 6" heating area, equipped with a magnetic Auto release, Digital Timer and Temperature controller. This unit is especially designed for heat pressing labels and tags.
Model: KX-6X6LB, 120volts

Caps Heat Press with Teflon coated 4" x 8" heating area, equipped with a magnetic auto release, Digital Timer & Temperature controller. This unit is equipped with Cap attachment support that holds the cap in place while heat pressing. *Model: KX-CAP4X8, 120volts.*

MAX-CLAM Heat Press with Teflon coated sturdy heating area, equipped with a magnetic Auto-Release, Digital Timer & Temperature controller. MAX-CLAM units have a heavy-duty construction that stands up to tough production requirements. *Models also available with a Hover design.*
Available in sizes: 15"x15" and 16"x20"
Model: KX-1620CLS, KX-1620HVR, 120volts

Model: KX-1515CLS, KX-1515HVR, 120volts

Mug Heat Press with super-guard heavy-duty heating foam, designed for 11oz up to 15oz ceramic mugs. Equipped with a Digital Timer, Temperature controller and alarm.
Model: KX-MUGS, 120volts

Accessories

Protect your heating surface and transfer materials with our **Teflon Sheets**; heavy-duty and anti-stick coating makes this item a must have for your transfer application.
Size: 16"x20" – Item # TL-1620

Make loading and unloading garments easy with our **Heat Press Teflon covers**. These covers are made with a tough durable Teflon coating and perfectly fit over the foam pad of your heat press. *Sizes: 15"x15" and 16"x20" – Item # TC-1620*

Placement tools are essential for alignment during heat pressing, get it straight the first time with our Clear 12" T-Square Junior ruler. *Item # TSQUARE12*

Heat Transfer Vinyl

Textile Heat Transfer Materials

HOTMARK and FIRSTMARK *for Cotton and Polyester* Expand Your Business with Heat Transfer Materials for Polyester, Cotton & Nylon.
The competition in the sign making, screen printing and embroidery industries is fierce. Take your business to the next level and offer affordable custom printed apparel services with CHEMICA *heat transfer vinyl* and *printable media*.

Chemica FIRSTMARK Colors (PVC) Semi matte PVC material for heat transfer applications. The most economical flex of our range of products! Firstmark is suitable for cotton, polyester, acrylic and similar fabrics; it's thicker, very durable and excellent for athletic numbers.
Sold in: 15" and 20" wide by the yard – Large selection of colors.
Application/Material: *Cotton & Polyester Blends*
Thickness: 4mil (Black & White) □ 5mil (All other colors)
Transfer Pressure/Time: 20 psi at 320F for 10-15 sec. – Cold Peel ┼ - ⇓ **45°**

Hotmark METALLIC colors (PU) polyurethane material for heat transfer applications on textiles. Suitable for cotton, polyester, acrylic and similar fibers.
Sold in: 15" & 20" wide by the yard - Large selection of Metallic colors available
Application/Material: *Cotton & Polyester Blends*
Transfer Pressure/Time: 20psi at 290F for 15 sec. - Cold Peel ┼ - ⇓ **45°**

BLING BLING colors (GT) Glitter material for heat transfer on textiles, shinier, bolder and texturized flakes. Suitable for cotton, polyester & acrylic fabrics.
Sold in: 20" wide by the yard - Large selection of Glitter colors available
Application/Material: *Cotton & Polyester Blends*
Transfer Pressure/Time: 20psi at 290F for 15 sec. - Cold Peel ┼ - ⇓ **60°**

Chemica ALLMARK Colors (PU) for nylon are Matt polyurethane material for heat transfer applications on nylon and waterproof fabrics.
Application/Material: *Nylon Jackets & Umbrellas*
Sold in: 15" wide rolls by the yard – see color card for available colors
Thickness: from 2mil up to 2.4mil
Carrier: self-adhesive and transparent polyester
Transfer Pressure/Time: 20 psi at 270-300F for 5-7 sec. - Cold Peel ┼ - ⇓ **45°**

Chemica FASHION colors (PU) Polyurethane textured vinyl for heat transfer application on textiles. Suitable for cotton, polyester & acrylic fibers.
Sold in: 20" wide by the yard - Large selection of 3D & textured colors available
Application/Material: *Cotton & Polyester Blends*
Transfer Pressure/Time: 20psi at 290F for 15 sec. - Cold Peel ┼ - ⇓ **60°**

EASYPRINT 1702 is our popular Printable Media designed for Eco-Solvent printers, thick, white matte, excellent for small, medium and large designs.
Will not curl and doesn't require transfer application tape.
Application/Material: *Cotton & Polyester Blends*
Transfer Pressure/Time: 20psi at 320F for 20 sec. - ⇓ **45°**

EQUIPMENT

Flash Cure Units

Did You Know? We sell the most dependable flash cure heaters in the industry! Featuring diagnostic light, heat shield, convenient side handles, and one of the thinnest profiles in the industry, Vastex flash cure units provide you with the spot heating you need to quickly flash your plastisol and move on to the next garment. All models carry an industry-leading 15-year heater warranty and feature: 360° head rotation; adjustable height; and "high-density medium-wavelength" infrared heaters with closely spaced coils that provide maximum cure speed and eliminate cold spots.
We carry a large selection of Flash-Cure units starting with economical F-Series models with a heating area of 16" x 16" and 18" x 18" (120volts) to larger RED-Flash series models of 18" x 24" (240volts) equipped with a variety of options.

F-SERIES REDFLASH AIR-FLASH AUTOFLASH

Infrared Conveyor Dryers

Choosing a Conveyor Dryer it's an important decision, they control the production rate in your shop and the quality of your finished product. The extreme dependability of VASTEX Infrared Conveyor Dryers is backed by an industry-leading 15-Year Heater Warranty as standard.
All models also come standard with heater height adjustment, reliable belt tracking and ball bearing pulleys. Expandability is available in the Mid-level and High production models.

D-Series Compact Infrared Conveyor Dryer are available in 18" & 26" belt width, estimated production rate of up to 110 plastisol-printed garments or 50 discharge-printed shirts/hr.
D-100 Model: *18: wide x 4'ft long*
D-1000 Model: *26" wide x 5.5'ft long.*

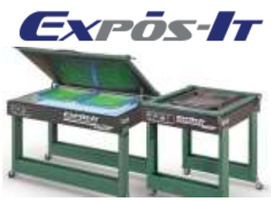
Mid-level, compact, floor standing, dryers with 30" (76 cm) wide belt is the perfect companion for start-ups, home-based, and traveling printers. Expandable and economical dual heater dryers for entry-level shops that require upgradability and high production.
DB-30 model: 30" wide x 5.5'ft long, easily cures up to 125* pcs/hr.
DB-II-30 model: 30" wide x 7.5'ft long, handles up to 250* pcs/hr.

EconoRed High production dryers are a perfect fit for mid-level to large sized production shops that need outputs of 300* up to 600* pcs/hr.
EconoRed models are compact powerhouse dryers with many advanced features such as: Digital temperature control, Power exhaust and Air recirculation. *(Voltage: 240v)*
EC-30 models: *30"wide x 6.5" long easily cures up to 300* pcs./hr.*
EC-II-54models: *54" wide x 7.5'ft long, easily cures up to 600* pcs/hr.*

EQUIPMENT

Exposure Units

E-100 and **E-1000** exposure units are designed for the entry level market. These high quality machines are sold as a table top or with our optional utility cart. The utility cart is available with a light tight door to store up to 11, ready to expose screens. ***Max. Screen Size:*** 20" x 24" OD
CONSISTENT: Electronic ballasts for quick starts & steady UV output
ACCURATE: Precision timer controls lights & vacuum (E-1000)
STURDY: Heavy duty frame with bearing lid locks



E-2331 and E4731 exposure units excellent for production shops that operate with Manual 20" x 24" & Automatic 23" x 31" OD Screens. Exposit models have a powerful vacuum hold down with a neoprene blanket for excellent screen to film contact. ***Max. Screen Size:*** 23" x 31" or 47" x 31" OD, 3 year warranty.
CONSISTENT: Electronic ballasts for quick starts & steady UV output
ACCURATE: Digital Timer controls lights & vacuum precisely
HIGH OUTPUT: 40 Watt H.O. bulbs 28" long are standard

VRS Registration System

The **Vastex Registration System** (VRS) is an ultra-fast and -accurate pin registration system that enables anyone to locate positives onto the screens off-press » then locate the screens onto any rear clamp screen printing press with all colors in register «in 4 easy steps! ***Available for:*** *Manual & Automatic shops*.

Screen Drying Cabinets

Dry your screens securely in the DVC-10 or DVC-24 screen Dri-Vault. Variable heat and powerful filtered air flow can have your screens ready for exposure, in as little as 20 MINUTES** ***Capacity:*** *Holds (10) or (24) Max. Size: 25" x 36" OD*
HEAVY DUTY: Industrial stainless steel finned heater(s)
CONSISTENT: Pressurized cabin with heated, filtered, clean air flow
EFFECTIVE: Screens sit horizontal on angled shelves for edge contact only
CONTROL: Dri-Vault cabinets are equipped with Hi-Low heat adjustment with on/off switch, pilot light; both have ability to run air only or variable heat.

Utility Carts

UC-2331 is a heavy duty utility cart with adjustable shelves and locking casters. Great for holding holds up to up to 23" x 31"
Configure the shelves how you want them!
This High strength Utility Cart can be used as a stand for shop equipment, such as a Heat Press or manual Table-top Press.

Screen Racks

The new **SC-24 Screen Cart** holds up to 24 screens. Roll them to your exposing unit or press. All steel construction to help outfit your shop with the quality organizational tools needed in today's competitive market.
CAPACITY: Holds up to 24 screens in either 20" x 24" or 23" x 31" OD
INNOVATIVE: Angled shelves for edge contact only & **SHIPS UPS:** in two boxes

WATERBASE INKS

Waterbase & Discharge Inks

Eco-friendly Waterbase inks designed for long term use, continuous screen printing operations both Manual and Automatic. Recommended for printing on ***white and light colored garments*** with 110ct up to 230ct Mesh. Excellent adhesion on Cotton 100%, Cotton/Polyester blends, Polyester 100% & Poly/Lycra fabrics and Towels, Waterbase offers a softer hand than Plastisol inks. *Not Recommended for Nylon materials.*

Available products in Waterbase ink series:

- Waterbase Extender 3T Semi-Opaque Base
- Create custom colors by adding 10% of Pigment conc.
- Waterbase Opaque Soft-Touch Base
- Pantone Color matches available

Printing:
Colors: 110-230ct
White: 110-180ct
Drying Temp:
300°F for 1-2min

Waterbase Discharge Inks

Discharge Inks are designed for **100% cotton** ***black & dark colored dischargeable garments.*** Discharge inks work by removing the reactive dye of the cotton garments and replacing it with the ink color during the drying process. ***Not Recommended for Polyester or Poly/Cotton blends.*** Use Mesh: 110-156ct.
Available products in the Discharge series:

- **Discharge Brite Base**
  - Use Discharge Clear Base to simply remove the garment color
  - Create your custom colors by adding 15% of Pigment conc.
- **Discharge Whites (Ready to use)**
  - Discharge Brite White (increased brighter formula)
  - Discharge DSFP White (offers a softer hand)
  - Pantone Color matches available in Waterbase & Discharge

Discharge Base: 100%
Pigment Conc.: 15%
Activator Agent: 7%
Mesh: 110-180ct/in
Curing Temp: 300°F 1-2min

Additives/Modifiers

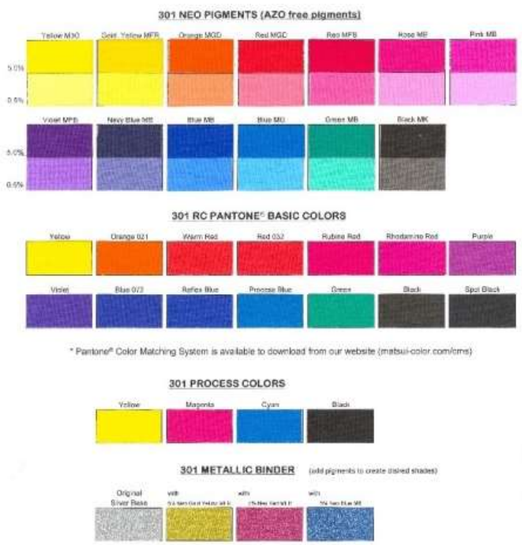
- **Waterbase Softener**
  - Add up to 15% by weight to increase softer hand.
- **Waterbase Thickener**
  - Add up to 10% by weight to increase viscosity.
- **Waterbase Low Crock**
  - Add up to 3% by weight to improve wash-fastness.

Specialty Inks

In addition to our standard eco-friendly Waterbase Inks, we offer a line of special effects inks.

- **Metallic Silver, Gold & Metallic Base**
  Use Metallic Base to create custom shimmer colors by adding 5% of Pigment concentrates. These metallic inks offer a softer hand than Plastisol inks. Mesh: 86ct
- **Crack Base & White**
  Create unique distressed/crackled effects, use White or create custom colors by adding Pigment concentrates to Crack Binder. Recommended Mesh: 86-110ct
- **Burn-out Base** – Printgen OP-30
  Create a Burnout effect on Cotton/Polyester garments, this product removes Cotton fibers leaving behind the polyester creating a see thru effect.
- **Puff Base & White**
  Create 3dimensional raised effects; add 10% of Pigment concentrates to create custom colors. Use Mesh 86-110ct. Waterbase Puff inks offer a softer hand than plastisol puffs.

Waterbase Color Card



FLORIDA FLEX

MATSUI INTERNATIONAL COMPANY, INC.

Our Eco-friendly Waterbase mixing system includes: (13) Primary PC colors, (4) Fluorescent PC colors, (1) Semi-Opaque Base for light color garments, (1) Discharge Base for 100% cotton Dark garments and (1) Metallic Base.

Concentrated Pigments are designed to work with our Waterbase Extender Base, Discharge and Metallic Base.

Standard Waterbase colors are bright and designed to offer a soft hand over light colored garments & towels. Mesh: 156ct

CMYK 4/Color Process Inks designed for 305ct Mesh

We color match Pantone colors in Discharge, Waterbase & Metallic colors.

Pantone Color Matching System

Our Eco-Friendly Waterbase Mixing system allows you to mix colors from both Pantone books, COATED & UNCOATED. In addition you can make custom formulas, estimate ink consumption for upcoming production and mix only what it's require to minimize excess inventory.

Our software is Pantone approved, free and very user friendly. Simply enter the desired Pantone code, select the mixing amount and go.

Mixing Kits are available for both: Waterbase and Discharge series. Visit our website for more information or download the mixing software.

www.floridaflex.com /Waterbase Inks

Discharge Brite Base & White

Waterbase Kits Available

Ask us about our

Training Classes

Startup Packages

Start-up Packages

We offer Start-Up packages that include everything you need to get your manual screen printing shop setup. Get the basic supplies you need to start your business off right for as little as $1,150.00. All Entry Level packages include: Inks, Screens, Reclaim Chemicals, Emulsion, Squeegees, Adhesives, Plastisol inks & more. Customize your package based on your needs, get on—site training, setup, shop layout and additional troubleshooting essentials that will save you time and money.

Logos Equipment provides the perfect solution for your startup budget, Table top Presses, compact Exposure units, Flash units and Conveyor dryers.
Choose from 3 different Startup Packages that include, Press, Flash, Exposure unit w/UV Lamps, Conveyor Dryer & Supplies.

Startup BASIC	Startup PRO	Startup PREMIUM
1color/1station Flash 16x16 UV Exposure 20x24 Supply KIT	4color/1station Flash 16x16 UV Exposure 20x24 Supply KIT	6color/4station Flash 16x16 UV Exposure 20x24 Supply KIT

Economical & Budget conscious

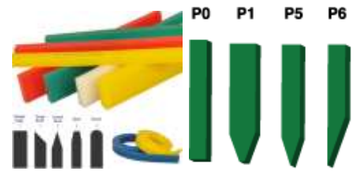
Training & Classes

Beginner – Intermediate - Advance

On-Site & Nands-on classes on screen printing available. If you are looking to get started but don't know how to get started, we can improve any or all aspects of your business!
Choose from our flexible and wide range of classes for entry level, intermediate and advanced screen printers!
Learn the skills necessary to tackle all the challenges and areas of production.
Have fun while improving your skills! **Available classes:** (1) One Day, (2) Two Days and (3) Three Days
Florida Flexible is once again ahead of the pack with this innovative training session designed to give YOU the tools needed to build your business. Our 2 & 3-day workshops will focus on the Concepts and practices used by the most successful companies in the industry.
Classes are available at your shop or at our fully functional Showroom.
We cover all areas of startup, shop layout, compliance, budget planning, Pre-Press, On-Press & Post Production. Specialty Ink techniques, such as Printing with Waterbase, Discharge, Glitter & Puff inks, Foils, Flock & Vinyl.

SQUEEGEES

Squeegees



Our Squeegee Blades are recommended because of their chemical resistance and exceptional abrasion resistance when exposed to aggressive ink systems. Our compounds are custom formulated to achieve high solvent resistance and excellent abrasion resistance.

This combination results in a squeegee blade that will better maintain its durometer when subjected to aggressive inks and solvents, show minimal swelling during the print run, and retain its sharp edge longer allowing for continued quality during the screen print run, thereby increasing productivity.

Single and Triple durometer squeegee is sold by the inch or by the roll (12'ft/144"in)

Recommended by application:

60-65duro Soft = for greater ink deposit
70-75duro Medium = for better detail and controlled deposits
80-85duro Hard = for best detail when working with Halftones or 4color Process

60/90/60duro Triple = offers Automatic shops greater ink deposit with less wear
70/90/70duro Triple = offers Automatic shops controlled ink deposit with less wear

Assembled Wooden Squeegees

Economize with our wooden squeegees, light weight yet strong design for today's printer.
Available in 4" height handles equipped with 70duro/medium blade.
Stock sizes: 4" to 22" lengths and custom sizes by the inch conveniently cut down to size.

Aluminum Metal Squeegees

Our new Aluminum design allows the printer to flip the blade for maximum use, their conveniently designed for switching blades and clean up easier than wooden squeegees. Aluminum squeegees are sold by the inch. Choose your blade durometer when ordering.

ACCESSORIES

Squeegee Rack

Convenient Squeegee Rack helps keep your shop clean and organized, holds up to 5 wooden or Aluminum squeegees of up to 18" long.

Squeegee Cutter

Squeegee Cutter cuts thru any durometer squeegee blade easily and efficiently, leaving sharp edges and a clean cut. Durable structure and comfortable to handle.

Squeegee T-Hooks

T-Hooks are mounted on to wooden squeegees to provide free standing support when not in use; they also allow you to hang the squeegee from your screen while printing and keep the squeegee from falling in to the ink.
Sold in sets of 20 with mounting bolts included.

Squeegee Sharpeners

Serilor® DIAMOND DK-136 Diamond wheel sharpener, precision small-format sharpener for squeegees 36" and under. The portable, table-top design fits anywhere and uses an indestructible diamond sharpening wheel.

SOLVENT INKS

Screen printing inks for Signs

COLOR FX
SCREEN PRINTING INKS • NON TEXTILE

Graphic Inks for Screen-printing on POP Signs, Corrugated Plastic and Vinyl

Florida Flexible offers Solvent-based inks for the Large and Small Format printer of POP, Banner, Signage, Promotional and Decal materials. These inks are formulated to achieve adhesion to a wide range of materials with excellent weather ability and finishing properties. The four color process inks in this market segment are formulated to have exceptional printing properties allowing the printer to produce high quality graphics with consistent color and limited dot gain.

Color FX´s experience in providing functional inks for technical markets allows us a unique opportunity to blend that knowledge into the development of high quality graphic inks. Available in quarts and gallons.

Recommended Mesh: 230 - 305ct
Air dry: 20-30 min.
Mixing Overprint Clear: Used for mixing special shades of Metallic colors
Half Tone Clear: Extender for Process inks
Thinner: Add 10%by weight when printing thru higher mesh counts.
Retarder: Add 10%by weight to slow down the ink drying in the screen.
Emulsion: Grafic HU & Universal Photopol *(Solvent Resistant)*

Intended Product Applications:
Vinyl Banner, ABS, Polycarbonate, Polyester (print treated), Polyethylene-Flute Pressure Sensitive, Card Stock, Rigid Vinyl, Static Cling, Polyethylene Flat Sheet, PVC Flat Sheet, Styrene, Corrugated Plastics, Glass & some Metals.

SIGNAGE VINYL

Vinyl Material for Signs

Comp-u-cut graphic films
General FORMULATIONS

Comp-u-cut CC500 Gloss Films are gloss flexible calendared vinyl with permanent acrylic adhesive and a wide range of colors to suit your needs. These opaque high gloss films are used in a variety of short term, long term, indoor, and outdoor applications.

Specifications: 3.0 mil polished flexible calendared vinyl with 200-5000, permanent acrylic pressure sensitive adhesive, laminated to a 78# clay coated liner. Commonly used on computer programmable sign cutting machines. ***Available in: 24" wide x50 yards/long rolls (Un-punched)***

Also available, **CC5000MR Removable Gloss & Matte** 3mil vinyl, easy to cut and remove, excellent for windows, smooth/painted metal, plastic substrates such as: Styrene, ABS & PET. Available in: 24" wide x50yard/rolls
Glass Etch 3mil Film, Metallic colors & Glow in the dark in 2mil with a permanent pressure sensitive adhesive. Available in: 24" wide x50yard /rolls.