SIHL
DIGITAL IMAGING

The COMPLETE 2015 Sihl Solvent Media Guide

From Imaging Paper to Canvas...

HOW TO CHOOSE

Just Got Easier!

Photo Media

3145 Glamour™ S Photo Board Satin 280 12mil

Imaging Papers

3157 Pacifica™ Photo Paper 210 8mil
3686 TriSolv™ PrimeArt Paper 200 8mil
3687 TriSolv™ PostArt Paper blueback 120 6mil
3689 TriSolv™ PostArt Paper 130 6mil
3683 TriSolv™ PrimeArt Paper blueback PSA 200 9mil

POS Media

3408 DuraSOL™ Light Display Film 9mil
3508 DuraSOL™ Heavy Display Film 17mil
3608 DuraSOL™ Medium Display Film 12mil
3208 QuickSTICK™ Adhesive Backed Fabric 12mil
3515 PolySOL™ Rollup Film 7mil
3516 PolySOL™ Pop-up Film 12mil
3529 SyntiSOL™ PP Film with EasyTack™ 14mil
3629 SyntiSOL™ PP Film Satin 7mil

Backlit Film

3549 Optilux™ Backlit Film WF 8mil
3649 Optilux™ Backlit Film 6mil

Artistic Specialties

3197 T-Printz™ Solvent Dark Fabric Transfer 6mil
4583 T-Printz™ Universal Light Fabric Transfer 8mil
3137 Bravo II Canvas 18mil
3609 Picasso™ Satin Canvas 17mil

About Sihl Digital Imaging
Sihl is a leading manufacturer of digital print media for display graphics, photo and art reproduction, point-of-sale advertising, wall décor, floor graphics, CAD, office and at home printing.

Sihl's expansive portfolio of digital imaging media includes: Photo papers, recycled, pressure sensitive, blockout and presentation matte papers, clear, white, metallic and backlit films, semi-rigid film for pop-up and rollup displays, canvas, scrim banner, pressure sensitive vinyl, adhesive backed papers and films, and fabric transfer papers.

Sihl is a part of the Diatec Group of companies. Headquartered in Cles, Italy, Sihl has manufacturing sites in the USA, Germany, France, Italy and Switzerland. Diatec is a manufacturing Group focused on functional coatings for films, papers and specialty substrates...We are "THE COATING COMPANY."

How to Buy Sihl Products
For Sihl Digital Imaging product information, please call 1-800-366-7393 or visit our website, www.sihlusa.com, where you can find product information and an authorized Sihl reseller near you.

About Our Group
The foundation stone was laid in Milan, Italy by Diego Mosna when he founded Diatec in 1970. Today we are an internationally balanced group of companies that focuses on continual product development, with state-of-the-art production facilities and a high level of technical know-how and skill, in order to put products and ideas into practice quickly and effectively.

The Diatec Group strives to be not only a supplier, but also a partner to its customers.

Locations

Sihl - Arkwright Production Site
Rhode Island, USA

Diatec Cles S.p.A.
Cles, Italy

Sihl AG Production Site
Bern, Switzerland

Diatex S.p.A.
Cles and Arborio, Italy

Sihl GmbH Production Site
Duren, Germany

Diatechnologies s.a.s.
Châteauroux, France

Rigid Photo Quality on Solvent

Yes, your solvent printer can deliver photo quality results too.

So you bought a solvent printer. Are you realizing that there is more to solvent printing than self adhesive vinyl and scrim banner? Yes, your solvent printer can deliver photo quality output too. The dot size, resolution and color gamut of solvent printers continues to improve with each generation.

BEST FOR RIGID PHOTO QUALITY

3145 Glamour™ S
Satin Photo Board - 12 mil

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» Semi-rigid photo paper that is flexible enough to roll, but stiff enough to stand or hang without mounting.

» **3145** Glamour™ S is a 12 mil, semi-rigid photo board that delivers premium photo quality on solvent inkjet printers. Glamour™ expands the capabilities of solvent printers, truly bridging the gap between flatbed and roll-to-roll printing. With an instant dry, photo coating, Glamour™ provides outstanding image quality and dot gain control on a board that is stiff enough to stand or hang, yet flexible enough to roll. Glamour™ is perfect for applications ranging from high end photo finishing to hanging signs, easel signs and point of sale displays.

Posting the Right Imaging Paper

From posters, to billboards, to wall murals, we've got you covered.

Not everything printed on a solvent printer wraps around a vehicle or hangs with grommets. Paper is the preferred solution for low cost signage that can be used for a variety of applications, indoors or outdoors. Sihl Imaging Papers offer an economical, PVC free alternative for water and weather resistant, short term, outdoor applications including billboard and wet posting, as well as long term, indoor, decorative and full wall murals.

BEST FOR BLOCKOUT POSTED SIGNAGE

3687 TriSolv™ Satin
PostArt Paper Blueback - 6 mil

» When short term advertising calls for posting new graphics over old ones, only a blockout layer can prevent the old graphic from showing through the new one.

» **3687** TriSolv™ Blueback is an economical weight, bright white, wet strength paper that is qualified for billboard and outdoor advertising use. 3687 features good print quality, excellent outdoor durability, and excellent scratch resistance. You can apply 3687 directly on top of an old graphic instead of removing it. The blueback will prevent the old graphic from showing through.

BEST FOR SHORT TERM POSTED SIGNAGE

3689 TriSolv™ Satin
PostArt Paper - 6 mil

» Short term, outdoor advertising for entertainment, construction and retail promotion utilizes a standard process, starting with a wet strength paper, that can be prepped with a standardized soaking process and applied with a standardized posting glue.

» **3689** TriSolv™ is an economical weight, bright white, wet strength paper that is qualified for billboard and outdoor advertising use. 3689 features good print quality, excellent outdoor durability, and excellent scratch resistance.

BEST FOR EVERYDAY POSTERS EVERYDAY SIGNAGE

3686 TriSolv™ Gloss PrimeArt Paper - 8 mil

» Not everything printed on solvent printers wraps around a vehicle or hangs with grommets. Paper is the preferred solution for low cost signage that can be used for a variety of applications, indoors or outdoors.

Top Pick

» **3686** TriSolv™ is a premium, 8 mil, bright white, gloss coated paper with excellent print quality and drytime. All TriSolv™ papers are multi-layer coated, water and weather resistant and qualified for billboard, outdoor posting and wall mural applications. The proprietary TriSolv™ coating delivers excellent scratch resistance without lamination and withstands folding without cracking.

BEST FOR SHORT TERM ADHESIVE SIGNAGE

3683 TriSolv™ Gloss PrimeArt Paper Blueback PSA - 9 mil

» The application for short term, adhesive backed signage ranges from standard posters to package prototypes and even retail / trade show graphics. While low cost vinyl is the choice for some, vinyl can shrink and is difficult to install. Paper offers similar outdoor durability and print performance while also offering a "PVC Free" solution.

» **3683** TriSolv™ Blueback PSA is a 6 mil, gloss coated paper with a 3 mil, silicon release liner for easy application to a variety of surfaces and substrates. You can apply 3683 directly on top of an old graphic without fear of "show-through." The permanent, acrylic adhesive will bond well to most smooth surfaces and the blueback will prevent any color from showing through to the front.

BEST FOR MATTE PRODUCTION

3157 Pacifica™ Matte Photo Paper - 8 mil

» Yes, solvent imaging paper can deliver photo quality results too. The dot size, resolution and color gamut of solvent printers continues to improve with each generation.

» **3157** Pacifica™ is a bright white, super smooth, high performance, matte photo paper designed specifically for premium performance on solvent printers. Pacifica™ features a proprietary barrier coating that seals the base paper, prevents show through and cockle, and maximizes print density, color gamut and shadow detail at the surface.

HOW TO AVOID A STICKY MESS BY CHOOSING THE RIGHT ADHESIVE MEDIA.

Pressure sensitive adhesive media can transform a wall, window, fl oor, ceiling or almost any surface in a matter of minutes. Choosing the right pressure sensitive solution can take a little longer. There are some key parameters that can be the difference between a successful installation and your graphics falling to the fl oor when you turn your back or, even worse, taking the paint and half the wall with it when you try to remove the graphic.

Whether you are covering a full wall, creating a decorative accent, or making floor mounted, outdoor advertising promotions; sticking to a light or heavy textured surface; targeting removal a few days later or a few years later...we've got you covered.

TRISOLV™ AND WET STRENGTH™ PAPERS CAN BE USED FOR WALLPAPER AND OTHER WALL-ART APPLICATIONS.

The ability for digital print to create short run, customized wallpaper and wall covering installations has helped redefine and expand this existing market segment. What was once dominated by self adhesive vinyl, is today dominated by anything other than vinyl. With options like wet strength paper, polypropylene, textured films and woven polyester; both environmental and technical objections to vinyl have a variety of materials to choose from.

The Sihl TriSolv™ line of paper starts with a unique base paper structure that allows for TriSolv™ to be applied in a variety of applications that require wet strength and structural integrity.

HOW TO APPLY TRISOLV™ WITH WALLPAPER PASTE (GLUES)

The correct preparation

- After printing, allow to dry thoroughly (at least 4 hrs)
- Fold print(s)
  - Fold printed side to printed side leaving 1" uncovered.
  - Turn 90° and repeat
- Soak print completely in water (not in glue!) for up to 15 minutes
- Push out excess water with hand, roller or squeegee
- Place print(s) inside an air tight plastic bag (or box)
- Allow to soak for no less than eight hours. Longer periods (over weekend, e.g.) are okay
- Remove print from bag / Wipe off the excess water
- Apply glue to mounting surface / Paste the wet TriSolv™ paper onto the billboard
- Overlap seams by at least one half of an inch
- Wipe again with the glue over front surface of print

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Rolling out the Choices for POS Graphics

Why this demanding application requires a calculated approach.

Choosing the right point of sale, retractable, pop-up or trade show display film is a complex equation balancing durability and cost. A low cost graphic that looks great but tears too easily is no more successful than an indestructible graphic that only needs to last for one event. The choices can be overwhelming.

BEST FOR PORTABLE DISPLAY UNITS / RETAIL SIGNAGE (SEMI-RIGID PVC)

3408 DuraSOL™ Satin Light Display Film - 9 mil

» Looking for a durable, flexible and tear resistant material for retractable banners, shelf strips, portable displays or any application requiring the perfect combination of rigidity and flexibility?

Top Pick

» **3408** DuraSOL™ Light is a 9 mil, semi-rigid, PVC display film with a "low glare," satin finish and an instant dry, scratch resistant coating. The durable construction features tear resistant PVC, intended to be used unlaminated, to create a durable rollup panel, engineered to withstand repeated rolling in portable display units without cupping, warping or scratching. 3408 DuraSOL™ is compatible with all solvent printers.

BEST FOR CURVED PANEL EXHIBIT / RETAIL GRAPHICS (SEMI-RIGID PVC)

3608 DuraSOL™ Satin Medium Display Film - 12 mil

» Looking for a durable, flexible and tear resistant material for retractable banners, shelf strips, portable displays or any application requiring the perfect combination of rigidity and flexibility?

» **3608** DuraSOL™ Medium is a 12 mil, semi-rigid, PVC display film with a "low glare," satin finish and an instant dry, scratch resistant coating. The durable construction features tear resistant PVC, intended to be used unlaminated to create a durable trade show or rollup panel, engineered to withstand repeated rolling in portable display units without cupping, warping or scratching. DuraSOL™ 3608 is compatible with solvent and UVC printers.

BEST FOR FLAT WALL EXHIBIT / RETAIL GRAPHICS (SEMI-RIGID PVC)

3508 DuraSOL™ Satin Heavy Display Film - 17 mil

» Whether it's an exhibit panel, trade show graphic, or POS display panel, the requirements are all the same; semi-rigid materials for flexibility with maximum durability. We combined those requirements with outstanding print performance to deliver an industry leading solution year after year.

» **3508** DuraSOL™ Heavy is a 17 mil, semi-rigid, PVC display film with a "low glare," satin finish and an instant dry, scratch resistant coating. The durable construction features tear resistant PVC, intended to be used unlaminated to create a durable trade show panel, engineered to withstand repeated rolling in portable display units without cupping, warping or scratching. DuraSOL™ 3508 is compatible with solvent and UVC printers.

BEST FOR REPOSITIONALBLE WALL/ SURFACE APPLICATIONS

3208 QuickSTICK™ Matte Adhesive Backed Fabric

» Won't fray on the edges, even when contour cutting.

New product

» **3208** QuickSTICK™ is a 6 mil, adhesive backed printable woven fabric that is designed to apply and remove cleanly from virtually any surface. QuickSTICK features a bright white, durable front side coating for excellent print performance, scratch resistanc and durability. Easy, wrinkle free application, combined with the repositionable, reusable adhesive, makes QuickSTICK ideal for

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--Solvent Inkjet Products--

BEST FOR ROLLUP BANNERS (POLYPROPYLENE)

3629 SyntiSOL™ Satin Polypro Film - 7 mil

» For single use and short term rollup or retractable banners, polypropylene is a great choice.

» **3629** SyntiSOL™ is a tear resistant, smooth, polypropylene display film with a "low glare," satin finish and a water resistant, scratch resistant coating. The SyntiSOL™ family of products lay extremely flat, both on the printer and in final application. 3629 is compatible with latex, solvent, and UVC printers.

BEST FOR SMOOTH SURFACE REMOVABLE WALL GRAPHICS (POLYPROPYLENE)

3529 SyntiSOL™ Satin Polypro Film EasyTack™ - 14 mil

» Perfect for smooth surfaces (glass or smooth walls). Stick it and unstick it!

» **3529** SyntiSOL™ is not your average, bright white, satin coated polypropylene. What makes 3529 unique is its proprietary, low tack self-adhesive. The special, low tack glue allows for easy, 100% bubble free application and residue free removal on glass and other smooth, flat surfaces. For surfaces including walls and boards with raised structure, we recommend testing prior to final application. The SyntiSOL™ family of products lay extremely flat, both on the printer and in final application.

BEST FOR PORTABLE DISPLAY UNITS / RETAIL SIGNAGE (POLYESTER)

3515 PolySOL™ Satin Rollup Film Blockout - 7 mil

» Maximum durability, vivid color and universal compatibility for any POS application with "shine-through protection."

» **3515** PolySOL™ is a 7 mil, white, polyester film with an instant dry, glossy finish for outstanding "color pop" and a grayback for 100% blockout. The durable construction is engineered to withstand repeated rolling in portable display units without tearing or edge fraying. PolySOL™ can be overlaminated with either low-melt or pressure sensitive laminates.

BEST FOR FLAT WALL EXHIBIT / RETAIL GRAPHICS (POLYESTER)

3516 PolySOL™ Satin Pop-up Film Blockout - 12 mil

» Quite simply a dimensionally stable film that delivers in every characteristic. From printing to finishing - installation to removal - PolySOL™ delivers flexibility, durability and quality.

» **3516** PolySOL™ is a polyester display film with a "low glare," satin finish and an instant dry, water resistant coating. The durable, 12 mil construction can be used unlaminated to create a durable exhibit or POS graphic, engineered to withstand repeated rolling in portable display units and abuse from hands-on interactions without cupping, warping or scratching. For additional protection or to change the finish, PolySOL™ can be overlaminated with both pressure sensitive and hot laminates.

DID YOU KNOW? Helpful Hints from Sihl...

MATCHING PRINT FILMS AND OVERLAMINATES

Matching similar thickness and material types of print films, overlaminates and backers is the best way to create an ultra durable sandwich for your graphics. For example, 6 mil printable polyester and 15 mil polycarbonate overlaminate is not a good solution. The rigid polycarbonate will ultimately delaminate from the polyester face film at the most inopportune time.

For backwall displays (>20mil), start with a 9-12 mil film and pair it with a 10-15 mil laminate.

*For retractable displays (<12 mil), start with a 4-9 mil film and pair it with a flexible overlaminate <5 mil thick.

* if using an overlaminate

APPLYING VELCRO STRIPS OR MAGNETIC TAPE

Before you apply full, 1" Velcro strips to every edge of your trade show graphic, remember your graphics will likely be rolled and stored for an extended period of time. By applying Velcro in 1/2" strips and slitting the pieces every 12"-24" to align with the diameter of the roll, you will prevent the Velcro from buckling during extended storage. This will ultimately help prevent delamination and extend the life of your graphics.

Or follow this simple montra...
Don't overuse Velcro.

HOW TO ROLL TRADE SHOW GRAPHICS

Since trade show graphics go through a tremendous amount of stress from rolling and unrolling, everything that can be done to minimize this stress can help prevent delamination and extend the life of your graphics.

For shipping and storing:
Roll laminated graphics image side out (this refers to the side on which the ink is printed), no smaller than a 9" diameter. If possible, store flat for longer storage periods. If Velcro is applied to the backside, place a slip sheet or protective paper next to the Velcro to prevent it from scratching your finished surface.

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Shedding Some Light on Backlit

What really matters when comparing backlit films?

Choosing the right backlit film can be tricky. Let's be honest. The most important aspects when choosing a backlit film are density, density, and density. Regardless of whether your graphic is going inside or outside, whether it is large or small, mounting to Plexiglass or "sandwiching" between two layers, you want your blacks to be dark, your colors vibrant and your graphic flat.

Sihl Optilux™ backlit film is the industry leader in print quality and, of course, density. Optilux™ features a unique, super absorbent, matte coating that looks washed out and dull coming off the printer, but delivers outstanding "color-pop" and vivid color when placed in a backlit box or lit from behind.

ABOUT OUR FACTS:

To determine K density, we performed a blind test on Sihl Optilux™ 3549 and our closest competitor's film. We turned off all ICC profiles to force the maximum amount of ink on the film. We then read the transmissive density at 100% K with an X-rite 361T. The result was clear as day.
No secrets, no tricks.

Sihl Optilux™ 3549:
K density = 2.9

Competitive Film:
K density = 1.5

DID YOU KNOW?

Helpful Hints from Sihl...

WHAT IS EASYTACK™?
The proprietary, low tack self-adhesive and liner combination, applied to the backside of a variety of Sihl film products, that allows for easy, 100% bubble free application and residue free removal on glass on other smooth, flat surfaces.

BEST FOR ECONOMICAL BACKLIT DISPLAYS

3649 Optilux™ Matte Backlit Film - 6 mil

» For an economical alternative to 3549, we started with a thinner film and left everything else untouched. The result is nothing short of outstanding!

Top Pick

» **3649** Optilux™ is a fast dry, economical weight, front-print, polyester, backlit film designed for indoor and outdoor durable displays. The entire Optilux™ family features superior water resistance, scratch resistance and fade resistance without sacrificing print quality and drytime. The super absorbent, inkjet coating provides solid blacks and rich colors when illuminated.

BEST FOR LARGE BACKLIT DISPLAYS

3549 Optilux™ Matte Backlit Film - 8 mil

» We don't mind telling you Optilux™ can achieve over 50% higher density then our closest competitor on any solvent printer. Print, install and turn on the lights...end of discussion!

» **3549** Optilux™ is a premium weight, 8 mil, fast dry, front-print, polyester, backlit film designed for indoor and outdoor durable displays. The entire Optilux™ family features superior water resistance, scratch resistance and fade resistance without sacrificing print quality and drytime. The proprietary, inkjet coating is super absorbent, which translates to solid blacks and rich colors when illuminated.

Fabric Transfer Done Right.

How to make the perfect print and transfer every time.

Before you heat up your iron or press and lay out your garment, make sure you have selected the right transfer material and you have read our instructions.

T-Printz™ Solvent Fabric Transfer is extremely thin and durable and provides long lasting, easy to wear t-shirts or imprinted fabrics. To achieve best results with T-Printz™ Solvent Fabric Transfer, follow the detailed instructions below. Test a swatch in advance of any production run to ensure the perfect transfer.

BEST FOR DARK FABRIC

3197 T-Printz™ Solvent Dark Fabric Transfer - 6 mil

» Print...Cut...Weed...Transfer. Perfect for short run shirts or fabrics.

» **3197** T-Printz™ Fabric Transfer is an ultra-thin and ultra-durable solvent, inkjet printable fabric transfer media. Sihl 3197 hardly changes the "hand" or feel of the fabric, providing an extremely soft hand and bright, brilliant colors. The white layer completely blocks out fabric color to achieve white on dark and black fabrics. 3197 is also OBA free, so the background color will not fade over time.

Also See:

» **4583** T-Printz™ Universal Light Fabric Transfer - 8 mil

DID YOU KNOW?

Helpful Hints from Sihl...

1)PRINT
Print using "Fabric Transfer" or "Generic Vinyl" profile print settings.
Set heaters to 30°C or 86°F.

2)CUT
Ensure cutting blade is sharp and proper force/weight is set.

Lower the blade setting substantially from standard vinyl and complete a test cut procedure.

3) WEED
Remove unwanted area of image. This might require an sharp blade to "grab" the edge or even re-cut tight radii.

4) PREPARE FOR TRANSFER
Apply application tape over complete image without tiling or creating a seam. For small text (under .75") weed and apply application tape within one hour of cutting. Some curl might occur after one hour.

4a) Place image with application tape side down and peel back release liner.

4b) Place image face up on fabric, centered, with no air bubbles.

5) TRANSFER
Set temperature on press to 370°F - 375°F or 188°C - 190°C (100% Cotton) . When applying T-Printz™ to polyester blends, adjust heat slightly lower depending on polyester content in the fabric.

- 50/50 Blend Fabrics
325°F for 5-10 seconds
Firm or Heavy Pressure

- 100% Cotton
375°F for 15-20 Seconds
Firm or Heavy Pressure

Stretching the Options for Canvas

Flexibility and versatility make solvent printers the perfect solution for canvas.

The demand for printed canvas has ballooned in recent years and it doesn't show any sign of slowing down. Today's market reaches well beyond traditional wedding and portrait studios, to commercial and home decorating and fine art licensed duplication. The technology of choice is no longer just water-based inkjet. Today, solvent inkjet, with its highly flexible ink that is so important for gallery wraps, might just offer the perfect solution for flexibility, versatility and speed.

BEST FOR DÉCOR PRODUCTION MATTE

3137 Bravo II™ Matte
Production Canvas - 18 mil

» The economical solution for the growing demand of décor canvas for applications ranging from commercial and home decorating to fine art duplication.

New product

» **3137** Bravo II™ is a high quality true artist canvas for fine art & fine art quality graphics. Especially designed for Latex & UV print platforms, Bravo II also works well with solvent printers. The durable 2:1 construction with a Poly/Cotton blend ensures a reliable & consistent print surface. Bravo II is designed for multiple finishing applications including the traditional stretched canvas for framing. For excellent print results on a trouble free printable canvas you will say Bravo II.

BEST FOR EVERYDAY PHOTO AND FINE ART

3609 Picasso™
Satin Canvas - 17 mil

» An everyday canvas should be economical and offer good characteristics for print production and post process finishing.

» **3609** Picasso™ is a premium, bright white, inkjet coated canvas designed to produce solid blacks, vivid colors and smooth gradients. The 17 mil, poly/cotton blend, with a 1:1 weave structure, provides a flexible base for easy stretching without cracking. Presto™ canvas is compatible with solvent, latex and UVC printers.

Also See:

» **3134** Presto™ SG
Semi-Gloss Canvas - 17 mil

--Compatible Printers--

*For further information please refer to our website, www.sihlusa.com

Epson® GS 6000
Epson UltraChrome GS ink

» http://www.epson.com

Epson® SureColor Series
Epson UltraChrome GS2 ink

» http://www.epson.com

Hewlett Packard® DJ 8000s, 9000s, 10000s
Low-Solvent Ink

» http://www.hp.com

Mimaki® JV3
ES3, SS21 ink

» http://www.mimakiusa.com

Mimaki® JV3
ES3, SS21 ink

» http://www.mimakiusa.com

Mimaki® JV5
ES3, HS, Eco-HS1

» http://www.mimakiusa.com

Sihl does not mass produce custom ICC or RIP profiles for our line of inkjet printable media. We do generate a few custom profiles in the application laboratories of our factories in the US and Europe, but these are limited by the printer, software and ink combinations we have at each facility. When possible, we publish printer settings charts for printers on which we have determined the best "standard" setting. These can be used as a starting point, from which you can relinearize to further refine ink limits and color balance, or they can be used as is for print production.

Custom profiles are relatively easy to make today. Many printer and RIP manufacturers offer this as a service or will even walk you through the process online. Some RIP and printer manufacturers actively profile Sihl media and make the profiles available for download on their websites. Additionally, printer and RIP manufacturers provide a wide array of standard and custom printer settings with the standard installed version of their product. Frequently there is an intuitive setting, that matches either the material or the finish, that is a perfect match for our media. For example, "Canvas for Solvent 340 satin" for canvas, "Solvent Glossy Paper" for photo paper, or "Generic Vinyl 1" for banner.

» If you are experiencing drying issues:
Turn down the heat in 5 degree increments ("pre heat" or "print heat") on your printer. This sounds counter intuitive, but higher temperatures open the pores of the media's coating too much and they don't have time to close before the print reaches the take-up roller. As a general starting point, set your "pre heat" or "print heat" to 35°C and your "post heat" or "dryer heat" to 40°C.

» If you are experiencing coalescing or bleeding:
Turn up the heat in 5 degree increments ("pre heat" or "print heat") on your printer. As a general starting point, set your "pre heat" or "print heat" to 35°C and your "post heat" or "dryer heat" to 40°C.

You can also try switching to a higher resolution print setting. This increases the time between passes and produces smaller ink droplets, allowing for better drying.

» If you are experiencing head strikes:
Check the thickness of your media and raise the platen gap / head height accordingly. If the media has a strong curl to it, feed the first few inches past the exit roller and front lip of the platen to avoid the curled leading edge.

--Compatible Printers--

*For further information please refer to our website, www.sihlusa.com

Mutoh® ValueJet Series
Eco-Ultra Ink

» http://www.mutoh.com

Roland® XJ Series
ECO-SOL MAX

» http://www.rolanddga.com

Roland® XC Series
ECO-SOL MAX

» http://www.rolanddga.com

Roland® SP
ECO-SOL MAX

» http://www.rolanddga.com

Roland® VS Series
ECO-SOL MAX

» http://www.rolanddga.com

Seiko® ColorPainter W, H Series
Mild Solvent Ink

» http://www.seiko.com

» If you are experiencing curing problems:
Turn up the heat ("pre heat" or "print heat") on your printer. Sihl coated media can accept a high inkload without bleeding or coalescing, but with high inkloads, sometimes the ink cannot cure before the print reaches the take-up roller. If you have already reached the maximum heat setting on your printer without causing warping, buckling or other problems, allow the print to cure, flat and uncovered, overnight.

» If you see banding (white lines between passes):
Slow down the media feed. The media is advancing too quickly, leaving a space between ink passes from the carriage. If the printer and software has an option to run a "media feed calibration," do so and follow the prompts. This will adjust the speed at which the media is fed through the printer.

This can also be caused by too much or uneven tension from the media take-up reel. Unroll some of the media on the take-up and allow for some slack in the path. This will allow the media to feed from the mechanism on the platen rather then being pulled by the take-up reel. As long as the media interacts with the sensor (usually at the bottom of the printer), the take-up reel will still engage and collect the media.

» If you see banding (dark lines between passes):
Speed up the media feed. The media is advancing too slowly, overlapping consecutive ink passes from the carriage. If the printer and software has an option to run a "media feed calibration," do so and follow the prompts. This will adjust the speed at which the media is fed through the printer.

This can also be solved by reducing the vacuum settings. This will allow the media to feed smoothly, without interference.

» If you are experiencing buckling or warping:
Too much heat in the earlier stages ("pre heat" or "print heat") may cause the media to buckle. Turn down this early stage heat on your printer. You can compensate by increasing the "post heat" or "dryer heat" by 1 or 2 degrees Celsius if you then see coalescing or bleeding.