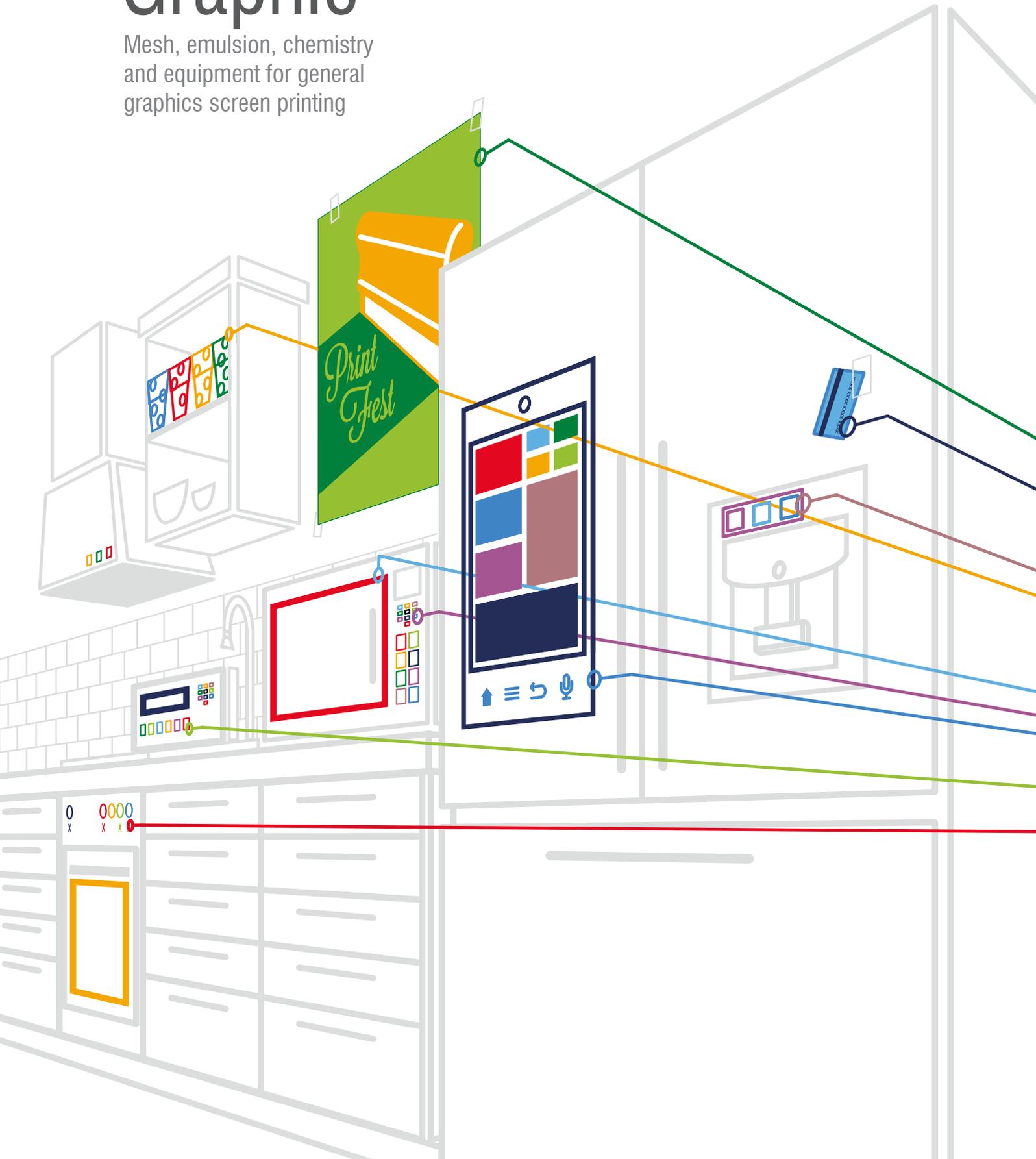


Industrial Graphic

Mesh, emulsion, chemistry and equipment for general graphics screen printing





The Saati-Tec range of products is your one-stop source for all screen-making products, from preparation materials and cleansers to reclaiming products.

Our range is meticulously designed to be your go-to for every screen-making need, delivering unparalleled results every time.

Why Choose Saati-Tec?

All-Inclusive Selection: Dive into our extensive collection of screen-making essentials. From the initial preparation stages to the final touches, our full range of products covers it all. Experience the ease of finding everything you need in one place.

Revolutionary Reclaiming Solutions: Rejuvenate your screens with our complete line of screen reclaiming products. Saati's innovative formulas are crafted to efficiently clean and restore, prolonging the life and quality of your screens.

Premium Screen Cleaners and Chemicals: Our selection of screen cleaners and chemicals are designed with precision and formulated to offer superior cleaning performance, ensuring that your screens maintain their pristine condition for longer.

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Hi-R Mesh

Premium Quality High-Tension, Low-Elongation Mesh With Surface Modification

SAATI HI-R is a high-modulus, low-elongation monofilament polyester screen printing fabric with a proprietary surface treatment ideal for all traditional applications.

KEY CHARACTERISTICS

- High tension, low elongation, optimally performing monofilament polyester
- Superior stencil adhesion, resulting in less stencil breakdown on press, delivering longer print runs far beyond other conventional treated fabrics
- Shorter exposure times, due to increased stencil adhesion.
- Holds finer detail with no compromise in stencil durability (halftones, fine lines etc.)

BENEFITS

- Applied to fabrics in widths up to 120"
- Safe under exposure with all emulsion/film types: Diazo, Dual Cure, and Photopolymer
- Excellent for use with abrasive printing conditions, inks and pastes.



BENEFITS OF SURFACE TREATMENT

- Improved adhesion characteristics of small halftone dots and fine lines
- Even and consistent surface characteristics, enhanced for extreme durability
- Excellent ink release properties
- Ready-to-use, the degreasing process can be eliminated.

Mesh Count	Type Of Weave	Thread Diameter	Mesh Opening	Overall Fabric Thickness	Open Area	Theoretical Ink Deposit	Max. Recom. Tension	Specific Cross Section
per cm	TW or PW	microns	microns	microns	%	cm ³ /m ²	N/cm	SCS mm ² /cm
100	PW	40	55	64	31	20	26-28	0.125
100	PW	48	40	81	16	13	30-34	0.181
110	PW	34	53	56	35	20	22-24	0.099
110	PW	40	47	69	26	18	25-30	0.138
120	PW	31	53	48	40	19	21-24	0.09
120	PW	34	45	54	29	16	24-26	0.108
120	PW	40	38	67	20	13	27-32	0.15
130	PW	34	39	55	26	14	24-27	0.118
140	PW	31	38	48	28	13	20-22	0.105
140	PW	34	29	56	16	9	23-26	0.127
140	TW	34	32	60	20	12	23-26	0.127
150	PW	31	29	49	20	10	22-24	0.113
150	PW	34	25	56	13	7	25-27	0.136
150	TW	34	28	61	17	10	25-27	0.136
165	PW	27	30	46	25	12	17-21	0.094
165	PW	31	25	49	17	8	24-26	0.125
180	PW	27	25	43	20	8	18-22	0.103

SAATI HiLo Mesh

Extreme Low Elongation Mesh For High-End Electronics Printing

SAATI HiLo is a super high modulus monofilament polyester mesh. It was developed specially for tight tolerance printing to fabricate high tech products, including touch screen panels, solar cells, and membrane switches. SAATI uses a special fiber whose polymeric structure gives extraordinary physical & mechanical properties to the product:

KEY CHARACTERISTICS

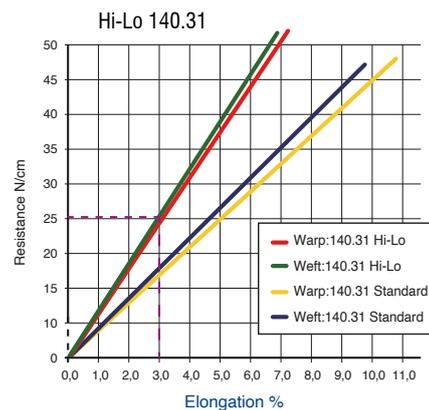
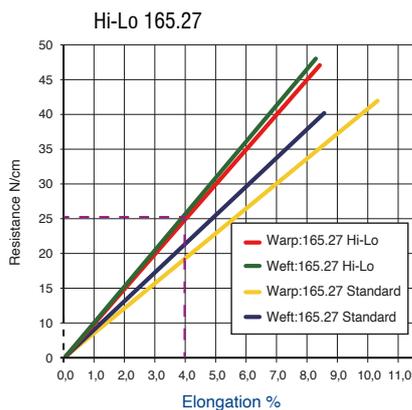
- Super high modulus
- Extremely low and balanced elongation between warp and weft
- Low relaxation
- Excellent physical & mechanical behavior
- Long lasting vacuum plasma treatment surface modifications
- Strict tolerance control



BENEFITS

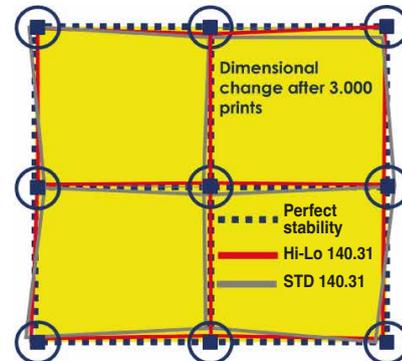
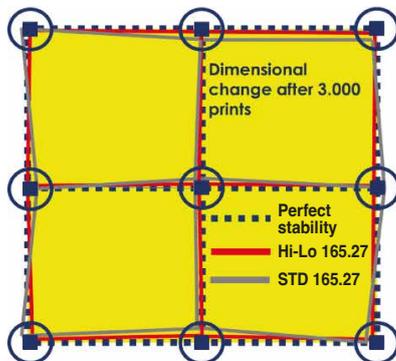
- Higher dimensional stability
- Lower tension loss after stretching
- Superior adhesion due to vacuum plasma treatment
- Print quality consistent during production run
- Ready to use.

ELONGATION STATISTICS



1) The extremely low and balanced elongation between warp and weft grants a higher dimensional stability. The Hi-Lo warp & weft overlapping is almost perfect. At 25N tension level the Hi-Lo 140.31 elongation percentage is around 3%, whereas the Hi-Lo 165.27 is around 4%.

DIMENSIONAL STABILITY



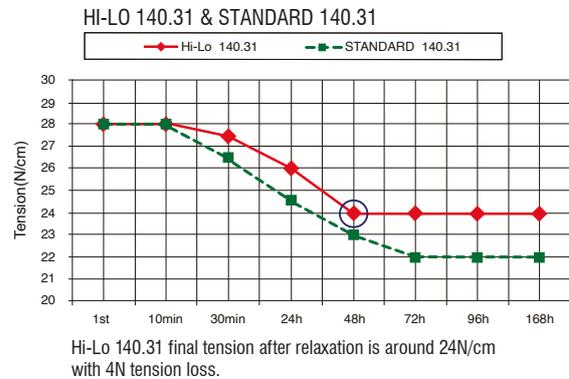
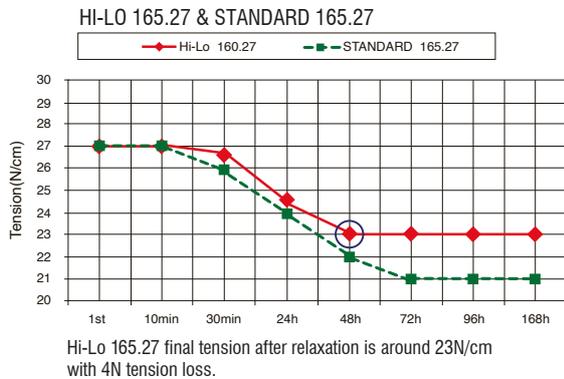
2) The extremely low mesh relaxation, which guarantees:

- Low tension loss after stretching
- Mesh ready to use in less time, as it can be brought up to the required tension quicker
- Printing Quality consistency and improved ink flow during all production run.

SAATI HiLo Mesh

Extreme Low Elongation Mesh For High-End Electronics Printing

TENSION LOSS



3) The exclusive plasma treatment is able to modify the mesh surface. As a result, the mesh's hydrophilic behaviour eases the emulsion adhesion on its surface.

Advantages:

- A longer printing life of the stencil and a higher printing quality in terms of resolution and definition.
- The degreasing process is no longer needed: better manufacturing efficiency and lower costs.

TECHNICAL DATA

Saatilene Hi-Lo is our premium product line and represents the Saati specialty for the TP market. The Hi-Lo product range is made up by Hi-Lo 165.27, Hi-Lo 150.27, Hi-Lo 150.33, Hi-Lo 140.31 and Hi-Lo 120.34.

Our Key product in the TP market is the Hi-Lo 165.27.

Article	Mesh Count	Nominal thread diameter	Mesh opening	Open Area	Fabric thickness	Theoretical ink volume	Specific cross-section	Typical tension after relaxation
	n°/cm	µm	µm	%	µm	cm ³ /m ²	mm ² /cm	N/cm
PE AM 120.34 PW	120	34	45	29	54	16	0,109	23
PE AM 140.31 PW	140	31	35	25	45	11	0,106	24
PE AM 150.27 PW	150	27	36	29	42	12	0,086	21
PE AM 150.33 PW	150	33	25	14	50	7	0,128	24
PE AM 165.27 PW	165	27	29	23	42	10	0,094	23

The above data are average values measured on piece-good in relaxed state, manufactured with yarns of a perfect nominal diameter (cfr. international standards), under normal hygrometric conditions (20°C=68°F, 65% relative humidity). They are subject to normal variations up to 7% if conditions vary from those stated above. The listed technical specifications, exception made for the thread diameter indicated with its nominal value, are referred to the arithmetic mean value of production samples and are subject to change, in accordance with our policy of continuously improving our products. PW: Plain Weave (1:1).

SAATI Screen Adhesives

Adhesives for Screen Production and Securing Media On-Press

ULTRAFIX is SAATI's product line for screen printing adhesives. They attach mesh to frame with durable bonds and the highest resistance against screen cleaners and an outstanding adhesion on all different screen frames: both wood and metal.



ULTRAFIX SB PLUS SERIES

Fast-curing, 2-part, urethane-based adhesive with superior resistance to aggressive solvents

ULTRAFIX SB9 PLUS

- Very opaque after drying, SB9 Plus has a smooth and even surface
- Good on any frame surface and its high initial adhesion allows gluing of screen mesh on wooden and aluminium frames
- Superior resistance to solvents and heat; ideal in automatic cleaning machine
- Ultrafix SB9 Plus is low viscosity adhesive for medium to fine fabrics mesh-counts
- Screentec uses this product in its production runs.

ULTRAFIX SB4 PLUS

- Extraordinary initial adhesion allows to glue screen mesh also on untreated aluminium frames
- Extraordinary initial adhesion allows screens to be removed from the stretching system only minutes after application
- Superior resistance to solvents and heat; ideal in automatic cleaning machine
- Ultrafix SB4 Plus is low viscosity adhesive for medium to fine fabrics mesh-counts.

Description	SB4 Plus	SB9 Plus
Viscosity	Low	Low
Colour	Green	Red
For Mesh Counts	>55	>55
Pot Life	90-120 min	90-120 min
Mixing Ratio	5 parts : 1 part catalyst	5 parts : 1 part catalyst
Why Choose This Product	Can be used on untreated aluminum frames. Suggested for automatic machines. Slower	It does not contain Acetone

SAATI Mesh Preparation Chemicals

World Class Chemicals for Each Screen Cleaning Step

The SAATI product range comprises a full suite of products for screen preparation and recycling. SAATI mesh preparation products are economical, easy to use and provide consistent results with any mesh. Specially designed to clean and prepare your screen mesh surface, they improve film lamination, coating and bonding of direct photoemulsions and minimize pinholes, resulting in optimum stencil performance and durability. DIRECT PREP treats the fabric surface with a wetting agent, making the screen more “wetable” than an untreated, or simply degreased screen. Screens treated can hold an unbroken sheet of water on their surface when rinsing for completely uniform stencil adhesion. Can be used on any mesh count.

Direct Prep 1

Ready-to-use, one-step mesh abrader, wetting agent and degreaser.

- Prepares new monofilament synthetic fabric
- Does not clog mesh openings
- Dyed colour ensures complete rinse from mesh
- Highly recommended for capillary films.



Direct Prep 2

Combination Degreaser/Wetting Agent.

- Ready-to-use liquid wetting agent & degreaser
- Powerful detergent and degreaser in one step restores mesh after reclaiming.

Direct Prep 3

Concentrated Degreaser/Wetting Agent.

- 10 to 1 concentrated liquid wetting agent and degreaser
- Concentrated formula for economy
- 100% Biodegradable.

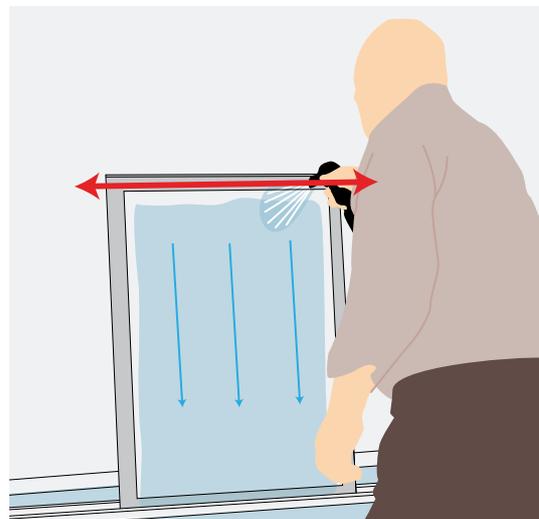
Description	Direct Prep 1	Direct Prep 2	Direct Prep 3
Viscosity	High	Low	Low
Colour	Green	Green	Brown
Mixing Ratio	Ready to use	Ready to use	10 parts : 1 part water
Why Choose This Product	Paste suitable for low mesh count.	Universal use. Degreases and cleans.	100% Biodegradable. Concentrated. Suggested for Pure Photopolymer emulsions

Correct Direct Prep Rinsing Technique

Following the application and wash-off of SAATI Direct Prep products, the final rinse technique is critical to preparing an optimal coating surface.

To correctly rinse a pretreated screen, flood it with a hose at the top, pointing the nozzle downward and rinse horizontally across the top of the screen, to create an unbroken cascade effect.

This technique results in a uniformly wet surface that will dry evenly and later coat evenly. If you notice disruptions in the flow of water down the fabric then you have identified remaining contaminants on the mesh surface that must be removed before they can compromise coating quality or create fisheyes in a coated screen.



SAATIgraf Emulsion

The World Class Range of Emulsions for All Types of Graphics Printing

SAATI's Grafic emulsion range encompasses pure photopolymer, dual-cure and diazo technologies. Grafic emulsions feature wide latitude and yield high resolution stencils with fewer pinholes. The high solids content and medium viscosity of Grafic emulsions produce low Rz stencils with good print definition on any mesh count. All Grafic emulsions are easy to reclaim, non-hazardous and totally biodegradable.

SAATITEX PHU2

All purpose solvent and water resistant photoemulsion.

- Red or Blue one-part pure photopolymer emulsion, no mixing required
- 46% solids content and medium viscosity, easy coating on all mesh counts
- Approximately 4x faster than typical 2 part emulsion
- Universally resistant: Solvent and waterbased ink resistant, yet easy to reclaim
- Recommended for use with discharge inks as is, without using diazo or catalysts for stencil hardening
- Can be used with Diazo 11 when extra sharpness is required for high resolution.

Available in 1 and 5kg containers

SAATIgraf HS6

Fast dual-cure photopolymer screen emulsion

- Purple in colour, high viscosity
- 38% solid content after sensitizing
- Matt finish, ideal for inkjet positives
- Co-solvent / water based acrylic / UV inks.

Available in 0.9 and 4.5kg containers

HS3

Green dual-cure emulsion, suitable to print uv-cured and solvent based inks.

- Green dual-cure emulsion
- 46% solids content and medium viscosity, easy coating on all mesh counts
- Excellent print definition and superior resolution on any mesh
- Very high solvent, water & environmental resistance
- Easy to reclaim.

Available in 0.9 and 4.5kg containers

SAATIgraf HU4

Dual-cure photopolymer screen emulsion

- Blue in colour with high contrast
- 33% solid content after sensitizer
- Sensitizer is Dir-ad sachets
- Suitable for most ink systems
- Easy to reclaim.

Available in 0.9 and 4.5kg containers



SAATIgraf HSX

Dual-cure for High tech electronics and industrial printing including fine art, touch screen, solar cell and ceramic capacitors

- Blue dual-cure emulsion
- 37% solids content
- Dual-cure direct emulsion with very high solvent resistance for industrial printing
- Extremely high resolution and definition
- Designed for stainless steel and synthetic mesh.

Available in 0.9 and 4.5kg containers

SAATIgraf Capillary Film

Range of Capillary Films for Graphics Printing

Capillary Films are specially formulated emulsions on a polyethylene coated photo base paper. This allows for easy handling before and after exposure. Easy-release paper provides stencil with anti-stick surface and minimizes adhesion to glass during exposure. It also resists pick-up of flashed ink films. The film can simply be applied to a wet screen, or laminated with backing emulsion, for increased durability.

DCF Capillary Film

Capillary Film designed for all solvent based inks.

- Fully solvent resistant for use with all solvent based and UV-cured inks
- High resolution
- Easy to reclaim
- Colour coded by thickness.

**Available roll width 610mm x 25m.
20 (Stock), 25, 30, 35 and 50 microns**

SCF Capillary Film

Fast exposing solvent & water resistant capillary film.

- Exposes 3x faster than comparable diazo film
- Can be used with solvent based, UV-cured, plastisol and water based inks
- Colour coded by thickness
- Post exposure recommended for waterbased inks
- Long shelf life
- Easy to reclaim.

Available in 16, 20, 25, 30, 40 and 50 microns

DCF Super Sharp Capillary Film

Representing the result of years of work to create the finest direct stencil film available. Developed to meet the needs of the industrial printing market, specifically manufacturers of touch screen displays and solar cells, as well as membrane switches and graphic overlays. This film provides wide exposure latitude with the sharpest edge definition, and boasts exceptional resistance to aggressive solvents used during on-press cleaning.

- Red capillary film specially designed for the most demanding industrial printing applications
- Highly solvent resistant
- Enhanced sharpness for maximum image resolution and print definition
- Designed for use in patterning of functional materials and industrial graphics printing
- Can use with stainless steel & synthetic mesh
- Colour coded by thickness.

Available in 15, 20, 25 and 40 microns.



Thik Plus Capillary Film

Light green solvent and water resistant photopolymer film, for the production of thick stencil by the direct/indirect method. Ideal for ceramic, glass, electronic and textile applications.

- Minimal exposure time
- Fast and easy to water development
- Excellent resolution and edge definition
- Excellent flexibility and elasticity
- Can be use it with excellent stencil results also in the cold countries
- Highly resistant to water, solvent-based and UV-cured inks
- Perfect for high density printing
- Non-hazardous and biodegradable.

Available in 100 up to 700 microns.

Indirect and Inkjet Films

High Quality Films

FIVE STAR

Gelatine Indirect Photostencil Film.

Five Star is a red, medium/high resolving indirect stencil film that is perfect for short run, high quality screen printing.

- Five Star is recognised world-wide as the name synonymous with consistent quality. Five Star is suitable for resolving detail down to 100 mic
- Suitable for use with solvent based inks.
- Mesh range 77 to 180/cm (200 to 450/inch).
- The extremely wide processing latitude means that this product is exceptionally easy to use, whilst the combination of high resolution and definition, make the printing of quality images simplicity itself.

Available in roll widths of 104 cm and 122 cm and in a variety of lengths.



Inkjet Positive Film

A complete range of roll sizes + cut sheets to produce positives for screen printing.

Cut sheets in A4 / A3 / A3+ (100 Sheets)

Rolls available in widths of 432 / 610 / 914 / 1016 / 1118 / 1600 (30m Rolls)

Laser Film

Film to produce positives with a laser printer for screen printing.

Sheets available in A4 & A3.

Masking Film

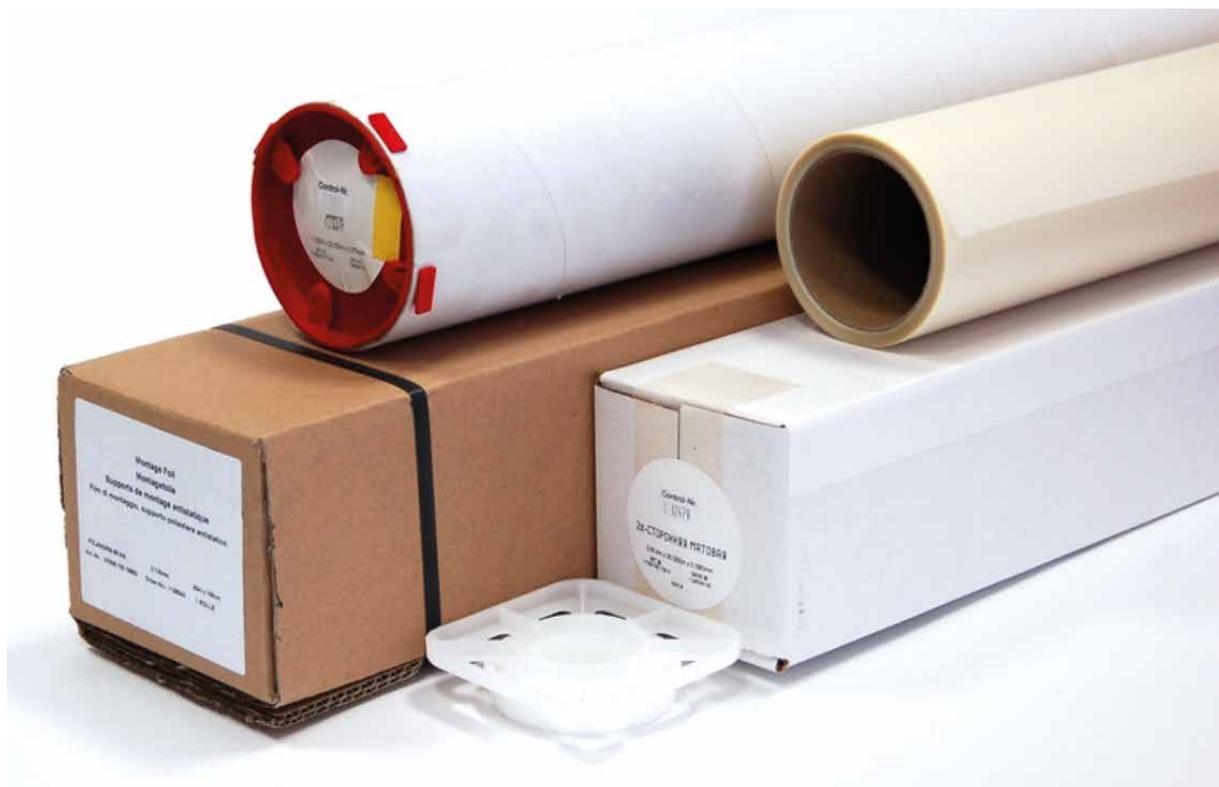
Hand cut film. A red block out film for perfect exposure. 0.130 microns backing film.

Drafting Film

Polished/Matt Film with excellent see through qualities

Clear A/S Polyester Film

Clear Anti Static Montage Film for Screen Printing



SAATI Screen Fillers

High Quality Liquid Filler Products to Seal Screens and Fill Pinholes

SAATI Finish Series screen fillers offer both high performance and user friendliness. Finish Series screen fillers contain no solvents and provide increased filling power. All have pleasant smelling formulations and are both non-hazardous and biodegradable. Finish Series screen fillers spread smooth and uniformly for optimum drying and filling. Use to cover open mesh areas and pinholes.

Finish S2 (Standard Filler)

Increased filling power

- Blue, water-based liquid blackout
- Increased filling power and more resistance to breakdown in high-stress printing such as with cylinder presses
- For use with solvent-based, UV-cured & plastisol ink
- Removable with water.



Finish W1(Dark)

Unique reclaimable, water-based blackout

- Resistant to water and solvent
- Unlike other water-based blockouts, offers superior water resistance simply upon drying
- Resistant to water-based, plastisol, UVcured & solvent-based ink
- Very high solids content offers increased durability
- Can be removed with emulsion reclaiming chemicals and a pressure washer.

Finish S3

Highest viscosity Finish S product

- High viscosity version of Finish S2
- For optimum results on low mesh count screens.

Quality Control Devices

Maximize Efficiency by Improving the Quality of Your Stencils

When you measure quality at every stage of screen production and on press, you take control of the many variables in screen-making and printing. Most importantly, you have the means to the consistency and repeatability that will boost your screen-printing productivity and profitability. SAATI brings you the most comprehensive selection of highly accurate, yet easy-to-use instruments to monitor and confirm screen quality at each step.

As specialists in screen-making products and innovators in QC devices, we've made sure that these instruments are practical, affordably priced, durable enough for continuous use and simple to operate.

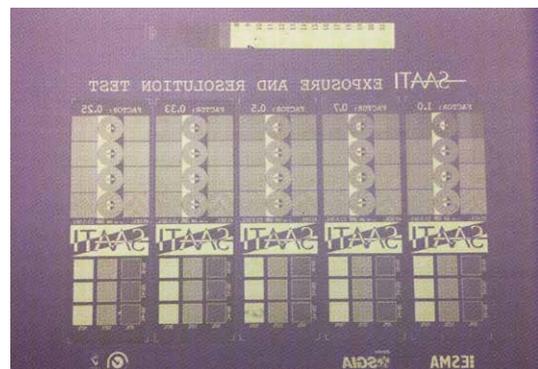
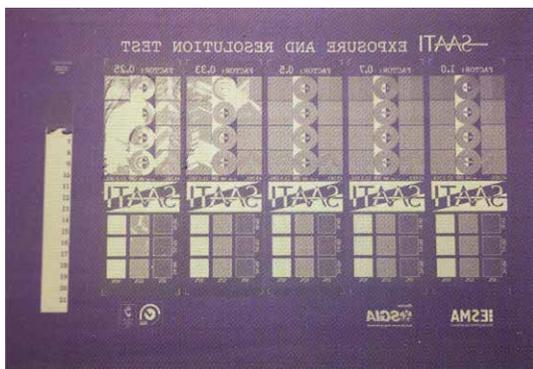
NEWMAN ST-METER® 1-E

A uniquely constructed, heavy-duty mechanical tension meter that assures durability and long term accuracy in monitoring screen tension. It is the only meter in the world with all stainless steel hardened gears, shock proof industrial grade internal gear movement and all jewelled sapphire bearings. A screen tension meter of exceptional quality, it will last longer and produce consistent readings every time. (All other mechanical meters have non-compound softer brass gears and bushing, greatly reducing their shock resistance, long-term accuracy and life.) The crystal is shatterproof and curved to avoid glare. The heavy-duty protective aluminium housing is the most durable meter made anywhere. The modular construction assures easy and inexpensive repairs, if necessary.



SAATI EXPOSURE CALCULATOR

Optically clear litho positive film for determining the correct exposure time for any particular type of photostencil emulsions or capillary films. It contains five identical columns of fine detail graphics. Four of these are covered with a neutral density filter with a different light transmission value, in order to obtain five different exposure times from one single exposure process. With this all-in-one film, it is very easy to identify the correct exposure time for future stencil production and it substitutes the traditional, time consuming step wedge exposure process.



Quality Control Devices

Maximize Efficiency by Improving the Quality of Your Stencils

SAATI 21-STEP SENSITIVITY GUIDE

This is the exposure guide of choice for accuracy, ease of use and all-purpose application. With the SAATI guide, there is no guesswork or complicated interpretation. A more precise tool than gelatin/density type exposure calculators, and unlike competitive products, it can be used on all stencil types and all mesh counts (other exposure guides are not compatible with pure photopolymer stencils, and do not perform as well on coarse mesh). Our 21-step guide is also much smaller (1/2" x 5 1/4"), so it can be used on all production screens. The SAATI Sensitivity Guide is a film containing a transmission type density scale with 21 steps ranging from transparent to opaque.

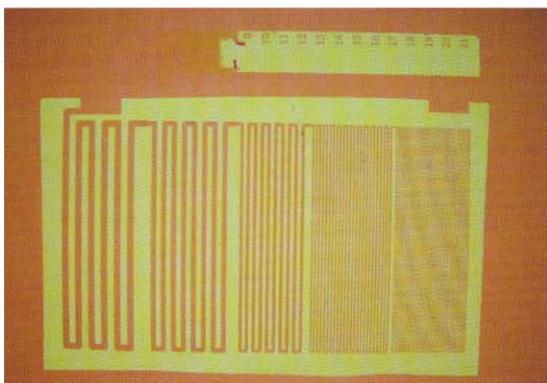
10 Seconds
Step 4
underexposed
Rx: + 2.8x (28s)



60 Seconds
Step 9
overexposed
Rx: - 0.5x (30s)

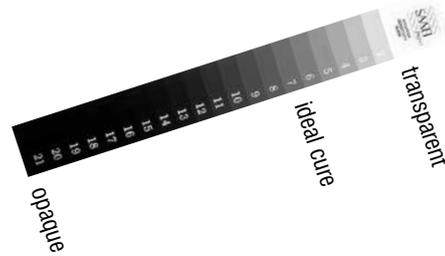


30 Seconds
Step 7
Perfect Cure



DIRECTIONS

Place the SAATI 21-Step Sensitivity Guide on the screen. Optimize your exposure so that when washing out the image, you are left with 7 solid steps (1 = zero density. 21 = solid black.)



To increase exposure by	Multiply exposure by
1 step	1.4x
2 steps	2.0x
3 steps	2.8x
4 steps	4.0x

To decreased exposure by	Multiply exposure by
1 step	0.70x
2 steps	0.50x
3 steps	0.33x
4 steps	0.25x

ADVANCED USES

When you record the correct exposure times for each of your products at different coating thicknesses, you will have a valuable tool that will save your time, product and money. If you expose several stencils for the same amount of time but find some overexposed or details falling out, this can suggest an inconsistencies with your coating thicknesses. You may find that a different step result produces better prints for a particular product you are using. The 21 step guide is useful in that you can determine the optimum result taking into account different cure levels. You can pick any value on the step guide, but for most products, 7 steps is the preferred cure level.

TEC Squeegees printing for the long run

Textile/Graphic screen printing

Tec Squeegees provide premium screen printing performance and quality at a competitive price. Designed to give superior resistance to degradation by commonly used inks, solvents and monomers used in modern printing processes.

Benefits

- Compatible with most UV graphic inks
- Resistant to solvents used in modern ink systems for long print runs
- Precision printing edge - pin sharp reproduction
- Excellent abrasion resistance - last print as sharp as the first
- Made from high grade polyurethane - compatible with a wide range of inks and systems
- Tight manufacturing tolerances - minimal set up and reset times
- Consistent Durometer - keeping your colours strong and vibrant
- High performance, long life and great value.



Durometer/Colour Coding

Tolerance: +/-3° Shore A

65°	70°	75°	80°
ORANGE	RED	GREEN	BLUE



Softer Squeegee

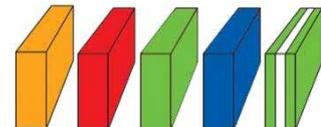
More ink, richer colours

Harder Squeegee

Less ink, greater detail

Profile

- Single Durometer
- Multi Durometer
- D-Cut



Squeegee Blade Profiles

Universal Profile for most printing work



For printing cylindrical, usually firm surfaces



For increased ink deposit (eg. textile printing)



For textiles, and graphics



SAATI Chemical Cleaning Processes

World Class Chemicals for Each Step Screen Cleaning

SAATI offers a comprehensive range of chemical products for screen cataloguing, reclaiming, or recycling. High performance chemicals minimize usage levels while quickly delivering screens that look and perform like new. Tailored products optimize results for cleaning every type of ink and recommended product packages ensure top performance at each stage of the reclaiming process. Screens are recycled with minimal impact to the fabric as well as the environment. Biodegradable ingredients from renewable resources such as palm, corn and soy are heavily used to minimize reliance on components derived from fossil fuels.

PRESS WASHES

For Print Maintenance and Colour Changes at Press.

Tec 02

Press Wash or Screenwash for Solvent/Textile Inks

- Removes inks during and after print
- Fast evaporation
- Low Odour.

NWC20EZ

Aqua Art on Press Screen Wash.

- Removes waterbased inks during & after print
- Can be applied as a spray
- Low odour.



Remove PW7

Press Wash for Solvent and Water-Based Ink

- Removes ink during printing and prior to storage
- Fast evaporation speed
- Reduced odour
- Well-suited to colour changes on press
- Can remove adhesives from pallets after printing.

Remove PW30

Press Wash for UV-Cure & Solvent-Based Ink

- Removes ink during printing and prior to storage
- Medium evaporation speed
- Removes UV-Cure & Solvent based inks.

Remove PW36

Screen Cleaner & Mesh Opener

- Multipurpose solvent blend for removing graphics, electronics and textile inks.
- May be used in automatic machines

Description	Remove TEC02	Remove PW7	Remove PW30	Remove PW36
Colour	Colourless	Colourless	Colourless	Colourless
Flash Point	35°	47°	43°	43°
Use with Solvent Based Ink	Yes	Yes	Yes	Yes
Waterbased Ink	Yes	Yes	No	Yes
Plastisol	Yes	Yes	Yes	Yes
UV-Curable	Yes	Yes	Yes	Yes
Why Choose This Product	Universal. Fast evaporation	Universal. Fast evaporation	Medium evaporation	Medium evaporation

SAATI Chemical Cleaning Processes

World Class Chemicals for Each Step Screen Cleaning

Remove IR14

Water-Based Ink Degradant for Manual Cleaning

- Flash point 71 °C
- Pleasant scent
- Slightly viscous to improve cling to screen
- High efficiency formula
- Clean screens with water and easy rinsing formula
- Low VOC's at 289g/L.

Remove IR18

Textile Ink Degradant for Automatic Cleaning

- Effectively cleans all types of ink
- Low foam and low odour, suitable for manual and automatic cleaning
- Can be reapplied to remove ink stains
- Can be mixed with Remove ER6 and used as one-step ink and stencil remover.

Remove IR26

Textile Ink Degradant for Automatic Cleaning

- Versatile ink remover, cleans solvent based, UV-Cured and Textile inks
- Low foam and low odour, can be used for manual or automatic cleaning
- Emulsifies for easy water rinsing and avoids formation of ghost images
- High efficiency formula
- Universal performance reduces the need for multiple ink removers
- Can be re-applied after stencil removal to remove ghost images.

Remove TEC05

Low Cost Emulsifiable Screenwash

- Fast evaporation
- No oily residue
- Low odour.

Remove TEC 06

Water Dilutable Screen Cleaner.

- Fast evaporation
- No oily residue
- Low odour

Description	Remove IR14	Remove IR18	Remove IR26
Colour	Colourless	Colourless	Colourless
Type	Manual	Auto	Auto
Flash Point	>70°	>70°	>70°
Inks Best Suited To	Plastisol, waterbased and sublimatic	All	Solvent based, UV-Cured and textile inks
Why Choose This Product	Low VOC.	Cleans all type of ink. Can be mixed with ER6 as ink and stencil remover.	Highly efficient formula. Can be mixed with ER6 as one-step ink and stencil remover.



SAATI Screen Reclaim Process

World Class Chemicals for Each Step Screen Cleaning

EMULSION REMOVERS

To Remove Diazo, Dual-Cure and Photopolymer Emulsions and Films.

ER15

Ready to use Gel Stencil Stripper.
Easy to apply by brush.

Benefits & Features

- Smooth gel that spreads easily and stays put, for maximum effectiveness
- Contains built in degreaser that cuts through any ink/solvent residue to ensure fast and efficient stencil removal.

ER25

Concentrated liquid emulsion remover
Dissolve one part ER 25 in 25 parts water.

Benefits & Features

- Removes all stencil types
- Very easy to dissolve
- Classified as non-hazardous for shipment.

ER1

Powder Concentrate Emulsion Remover.
Concentrated powder that dissolves in water to produce stencil stripper solution.

Benefits & Features

- Economical
- Highly concentrated product
- Recommended to be dissolved at 1% by weight in water for full strength working solution for spray application.



HAZE REMOVERS

To Remove Stains From Mesh After Emulsion Removal.

Remove HR105

- Ready-to-use gel
- Mesh safe - can be left on screen overnight.

Directions for use

After ink and stencil removal, apply the gel with a stiff brush. Let dry - may be left overnight. The gel will not harm mesh. Rinse the screen with a screenwash then high pressure wash.

Remove HR8

- Ready-to-use paste
- Is able to remove the toughest stains
- Works in minutes.

Directions for use

After ink and stencil removal, apply the paste with a stiff brush. Leave approximately 10 minutes - a longer time may weaken mesh. Rinse screen with a pressure wash.

Remove HR89

- One part, ready-to-use (gel)
- Application with a brush.

Directions for use

After ink and stencil removal, apply gel with a brush. Leave for maximum 10 minutes; a longer time may harm mesh. Rinse screen with a pressure wash.

Description	Remove HR105	Remove HR8	Remove HR89
Colour	Yellow	Clear	Grey
Timing	Overnight	10 minutes	5 minutes
Appearance	Gel	Paste	Cream
Mixing Ratio	Ready to use	Ready to use	Ready to use
Why Choose This Product	Less aggressive. Does not harm mesh	Standard Power	Aggressive Power

SAATI Screen/Stencil Making

Quality Screens For All Applications

Screen Stretching

We offer a full in-house screen stretching service, manufacturing bespoke Aluminium and Hardwood frames with numerous section options available.

We stock Saati mesh for all applications:-

Hi-TEX - General Purpose - For Textiles & Ceramics

HIR - Standard Long Elongation Mesh

HI-DRO - For Waterbased Screen Inks

SS - Stainless Steel Mesh



Pre Coated Frame (PCF)

Our pre coated frames offer a cost effective solution for any screen printing facility.

- No need for machinery investment
- Reduced downtime
- High quality components
- Tailor made for your specific application
- Individually wrapped
- 6 months shelf life.

Stencil Making

In addition to manufacturing ready meshed and pre coated screens we also offer a complete screen making service for Graphic & Textile applications. We can output film positives from your supplied artwork and expose them onto the screen for you. Simply send the artwork file with details of the substrate you intend to use, the ink system, desired positioning and we can take care of the rest.



Film Positive

The key to a great stencil is the quality of the film positive, therefore the artwork needs to be optimized for film output.

Artwork Requirements

- The artwork file should be in CMYK profile.
- All assets of artwork need to be 100% black
- All text should be converted to outlines
- Any images need to be 300dpi (minimum)
- Multi colour images should have a separate layer for each colour.

Artwork Service

If you require artwork to be created or just have an old photocopy of your artwork, no problem, our in house artwork department can produce print ready files for you. With the latest design tools at their disposal we offer a reliable, flexible service with a quick turn around.



SAATI Screen Reclaim Process

High Quality Accessories for Your Screen Recycling Process

LARGE SCREEN BRUSHES

- 100% chemically resistant
- Medium stiffness bristles
- Perfect for spreading degreasers, decoaters and haze removers on larger screens.



BRUSH PADS

100% chemically resistant synthetic screen cleaning pads with an ergonomic handle that makes them convenient for applying degreasers, decoaters and haze removers to large screens.

PALLET KNIVES

Flexible & Durable ink knife.

- Will help your ink distribution be faster, cleaner and more consistent
- Stainless Steel Blade
- Easy to clean.

Available in 4 / 6 / 8 / 10 / 12 inch Blades



Screen Making Accessories

High Quality Accessories for Your Screen Making Cycle

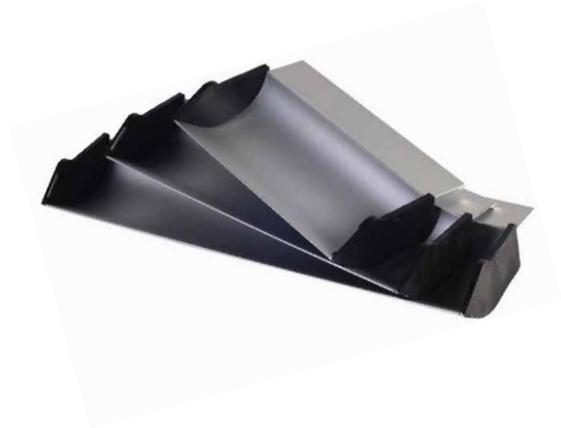
DUAL EDGE COATING TROUGHS

- Available in lengths
- Coating edge profiles of 0.5 & 1.0 mm combined into one tool
- Made of high quality aluminium.



SINGLE EDGE COATER TROUGHS

- Available in lengths
- Coating profile of 1.25mm
- Holds a high volume of emulsion for longer coating sessions.



SQUEEGEE HANDLES

- Available in wood and aluminium
- Choice of sizes
- Can be supplied with or without blade.



FRAMES

- Aluminium and Hardwood options available
- Choice of sections and sizes
- Coated or Uncoated.



Screen Making Accessories

High Quality Accessories for Your Screen Making Cycle

MIXING CUPS

Single walled recyclable cups.



Available in 8 and 16oz

STELLIER WHITE WIPES

- Absorbent lint free fabric wipe
- Strong and tear resistant
- Contain no silicone or binders
- Safe to use with MEK1, isopropyl alcohol, solvents and other cleaning agents

Sheet Size 380 x 300mm
400 sheets per roll



Floor Stand Roll Dispenser

HAND CLEANING PASTE - TEC21

Naturally powerful non-toxic citrus beaded hand cleaner Formulated to cut through industrial grease & grime quickly and easily. Contains thousands of polymer beads to produce a high performance micro-pumice cleaning action that rapidly removes stubborn grime, without damaging the skin.



BLACK PLASTIC BUCKETS

High quality plastic, with a watertight lid.

The range is ideal for storing, transporting and decanting liquids and waterbased products.

Available in 1 and 5 litre



METAL OPEN TOP PAIL

Top quality tin, with a watertight lid.

The range is ideal for storing, transporting and decanting liquids with aggressive properties including industry applications such as adhesives, solvents, varnishes and chemicals.

Non Internal lacquered Finish (Not Suitable For Waterbased Products)

Available in 1 and 5 litre



Exposure Units



PRINTASCREEN
2 & 5kw halide
Fully enclosed exposure unit.



UV LED(400nm) EXPOSURE UNIT
Built to customers specified sizes, zoned areas, backlight
Vertical, horizontal and table top versions available.

Drying Cabinets



HORIZONTAL
5 drawer
Mesh or floating bar shelves



VERTICAL (toast rack)
Built to suit available space.



Stencil Developing

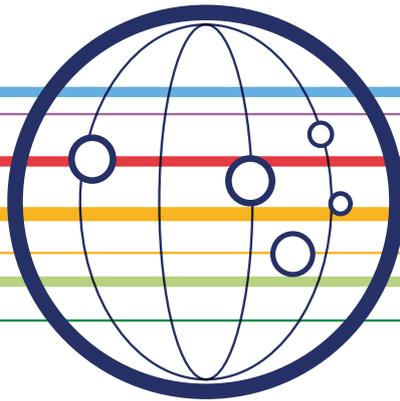
WASHOUT BOOTHS
Zinc galvanised
Polypropylene
Illuminated
Special filters



Handtable

MANUAL - STANDARD
Robust construction
Vacuum print base
Precision registration
Fully customisable





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