screen TEC
PRINT ESSENTIALS LTD

SAATItextile

mesh, emulsion, chemistry, and
equipment for textile screen printing

SAATI-TEC

Screentec Print Essentials Ltd are committed to supporting our customers needs providing products and services of the highest standard.

We have carefully chosen our supply partners to cover the three main printing segments, industrial / textile and glass and after over 20 years we have developed a product range to suit the screenprinting industry.

We offer full back up from our Staffordshire factory and a nationwide based technical support team.

Screentec offers in-house full colour matching and mixing service covering waterbased / solvent / UV / LEDUV, Mixing to Pantone / RAL and customer specific swatches.

A full range of Epta Waterbased, Discharge & Plastisol textile screen inks are also available.

Screen Making Service includes frame manufacture in wood and aluminium, large stretching service, stencil making using conventional and LED systems and artwork.

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Hi-Dro Mesh

Surface Treated Mesh Especially For Water-Based Ink Printing and Fine Detail Printing

SAATI HI-DRO is a high modulus, low elongation monofilament polyester screenprinting fabric with a proprietary surface treatment developed to meet the requirements of garment printing applications. Especially designed to optimize the deposit when printing with water based inks, this new range was constructed maintaining the same mesh counts and using thinner thread diameters.

Hi-Dro Standard Mesh

Left : SAATI HiDro 78.40 vs standard mesh 62.64. Show the result of two passes with white plastisol ink on a black t-shirt fabric.

KEY PRODUCTS CHARACTERISTICS

- Optimized mesh geometry and precise mesh openings due to the improved production process
- Excellent antistatic property
- Long lasting plasma treatment surface modification.
- Range of mesh counts from 32-120 threads per cm
- Safe under exposure with all emulsion types:
- Photopolymer, Dual-Cure, Diazo and Capillary Films.

BENEFITS OF THIN THREAD MESH

- Better printability
- Improved ink flow with all ink types
- Reduction of moiré effect
- Excellent coverage on dark garments
- Less stencil cleaning work during printing.

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
- No degreasing pretreatment step prior to stencil processing, thanks to SAATI unique plasma surface treatment
- Excellent for use with abrasive printing conditions, inks and pastes.

Article	Mesh Count	Thread Diameter	Mesh Opening	Open Area	Fabric Thickness	Theoretical Ink Volume	Specific Cross Section	Max. Recom. Tension
	per cm	µm	µm	%	µm	cm^3/m^2	mm^2/cm	N/cm
32.70 PW	32	70	245	61	110	67	0.123	24-26
43.64 PW	43	64	170	53	100	53	0.138	27-30
48.55 PW	48	55	153	55	90	50	0.185	24-26
55.48 PW	55	48	125	50	78	39	0.099	25-28
62.48 PW	62	48	109	46	77	35	0.112	25-28
78.40 PW	78	40	85	44	65	29	0.098	20-24
90.40 PW	90	40	68	38	62	24	0.113	20-24
120.31 PW	120	31	53	40	48	19	0.091	21-24

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. The tension tests are realised with TOP 12 series clamp system and appropriate frames at our laboratories. PW: plain weave (1:1)

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 conventionally 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
- Excellent performance on virgin fabric.

BENEFITS OF SURFACE TREATMENT

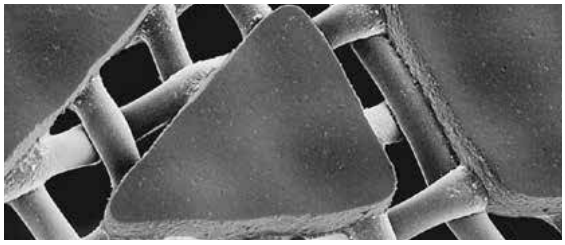
- Improved adhesion characteristics of small halftone dots and fine lines
- Even and consistent surface characteristics, enhanced for extreme durability
- Excellent ink release properties
- Ready-to-use, the degreasing process can be eliminated.

Article	Mesh Count	Thread Diameter	Mesh Opening	Open Area	Fabric Thickness	Theoretical Ink Deposit	Specific Cross Section	Max. Recom. Tension From-To
	per cm	microns	microns	%	microns	cm^3/m^2	mm^2/cm	N/cm
34.100 PW	34	100	185	41	173	71	0.267	35-40
43.80 PW	43	80	150	43	132	57	0.216	35-37
49.70 PW	49	70	130	40	116	46	0.188	30-34
55.64 PW	55	64	120	41	105	43	0.176	26-31
62.64 PW	62	64	90	32	106	34	0.199	30-34
71.55 PW	71	55	80	33	91	30	0.168	25-30
77.48 PW	77	48	78	36	80	29	0.139	24-26
77.55 PW	77	55	70	28	90	25	0.182	27-32
90.40 PW	90	40	68	38	62	24	0.113	20-24
90.48 PW	90	48	55	27	81	22	0.162	27-29
100.40 PW	100	40	55	31	64	20	0.125	26-28
100.48 PW	100	48	40	16	81	13	0.181	30-34
110.34 PW	110	34	53	35	56	20	0.099	22-24
110.40 PW	110	40	47	26	69	18	0.138	25-30
120.31 PW	120	31	53	40	48	19	0.09	21-24
120.34 PW	120	34	45	29	54	16	0.108	24-26
120.40 PW	120	40	38	20	67	13	0.15	27-32
130.34 PW	130	34	39	26	55	14	0.118	24-27
140.31 PW	140	31	38	28	48	13	0.105	20-22
140.34 PW	140	34	29	16	56	9	0.127	23-26
140.34 TW	140	34	32	20	60	12	0.127	23-26
150.31 PW	150	31	29	20	49	10	0.113	22-24
150.34 PW	150	34	25	13	56	7	0.136	25-27
150.34 TW	150	34	28	17	61	10	0.136	25-27
165.27 PW	165	27	30	25	46	12	0.094	17-21
165.31 PW	165	31	25	17	49	8	0.125	24-26
180.27 PW	180	27	25	20	43	8	0.103	18-22

Hi-Tex Mesh

High Quality Textile Mesh Without The High Cost

For the printer looking to save on cost while not compromising the print, we offer SAATI Hi-Tex printing mesh, containing the same high tension, low elongation characteristics known throughout the globe. This offering is a standard precision woven fabric that is excellent for textile, glass, and low mesh count applications. The absence of treatment as well as the tailored specification offerings allows for the lowest prices, promoting cost savings to those who do not reclaim screens or have a high turn over in screen processing.



KEY CHARACTERISTICS

- High tension, low elongation, monofilament polyester
- Good stencil adhesion
- Wide range of mesh count.

Article	Mesh Count	Thread Diameter	Mesh Opening	Open Area	Fabric Thickness	Theoretical Ink Deposit	Specific Cross Section	Max. Recom. Tension From-To
	per cm	microns	microns	%	microns	cm^3/m^2	mm^2/cm	N/cm
6,5.385 PW	6.5	385	1180	58	700	406	0.756	35-60
9,5.280 PW	9.5	280	810	55	533	293	0.585	35-60
10,5.260 PW	10.5	260	700	52	478	249	0.557	35-60
12.145 PW	12	145	700	68	270	184	0.198	35-60
12.260 PW	12	260	580	47	485	228	0.637	35-60
15.200 PW	15	200	475	50	365	183	0.471	35-60
15.260 PW	15	260	400	35	460	161	0.796	35-60
18.160 PW	18	160	400	52	285	148	0.362	35-60
21.160 PW	21	160	330	46	285	131	0.422	35-60
24.120 PW	24	120	290	50	216	108	0.271	35-60
24.145 PW	24	145	275	43	265	114	0.396	35-60
27.120 PW	27	120	250	44	222	98	0.305	35-60
27.145 PW	27	145	220	35	255	89	0.446	35-60
29.120 PW	29	120	220	41	218	89	0.328	35-60
29.145 PW	29	145	190	32	258	83	0.479	35-60
32.70 PW	32	70	245	61	110	67	0.123	24-26
32.100 PW	32	100	200	43	160	69	0.251	35-40
32.120 PW	32	120	190	38	205	78	0.362	35-60
34.100 PW	34	100	185	41	173	71	0.267	35-40
36.90 PW	36	90	190	45	145	65	0.229	35-40
36.100 PW	36	100	175	38	170	65	0.283	35-40
38.90 PW	38	90	170	42	161	68	0.242	35-40
40.80 PW	40	80	170	44	135	59	0.201	35-40
40.90 PW	40	90	160	40	148	59	0.254	35-40
43.80 PW	43	80	150	43	138	59	0.216	35-37
45.70 PW	45	70	148	47	115	54	0.173	30-34
49.70 PW	49	70	130	40	116	46	0.188	30-34
49.80 PW	49	80	120	35	138	48	0.246	34-50
51.70 PW	51	70	120	38	118	45	0.196	30-35
55.64 PW	55	64	120	41	105	43	0.177	23-31
55.70 PW	55	70	105	33	114	38	0.212	30-34
62.64 PW	62	64	90	32	106	34	0.199	30-34
68.55 PW	68	55	89	36	89	32	0.161	25-30
71.55 PW	71	55	80	33	93	31	0.169	25-30
77.48 PW	77	48	78	36	78	28	0.139	24-26
77.55 PW	77	55	70	28	90	25	0.183	27-32
90.40 PW	90	40	68	38	62	24	0.113	20-24
90.48 PW	90	48	55	27	81	22	0.163	27-29
100.40 PW	100	40	55	31	63	20	0.126	26-28
100.48 PW	100	48	40	16	81	13	0.181	30-34
110.34 PW	110	34	53	35	56	20	0.100	22-24
110.40 PW	110	40	47	26	64	17	0.138	25-30
120.31 PW	120	31	53	40	48	19	0.091	21-24
120.34 PW	120	34	45	29	54	16	0.109	24-26
120.40 PW	120	40	38	20	67	13	0.151	27-32

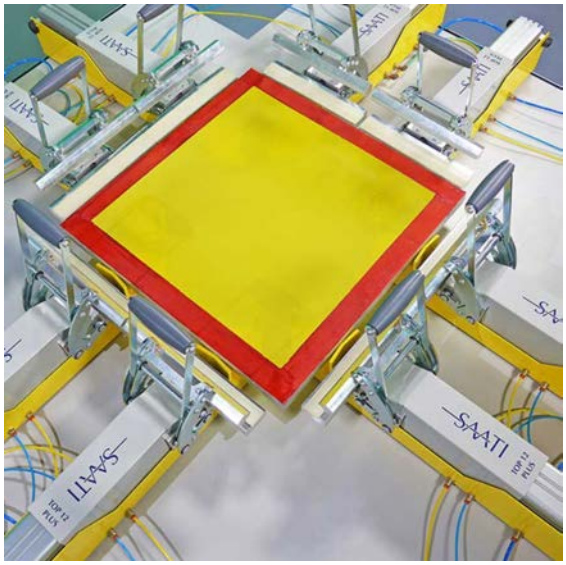
SAATI Top 12 Plus Stretching Clamps

Rapidly Stretch Screen Off-Contact with Durable, Intuitive Stretch Clamps

The new SAATI Top 12 Plus Clamp provides optimum pneumatic screen tensioning. This highly advanced yet easy to use system achieves the highest tensions recommended more uniformly, without over-tensioning the corners. It provides the greatest stability of any system available. Among the most notable features of this premier stretching system is its independent or simultaneous warp/weft tensioning capability (when used with optional control panel).

In addition, its unmatched, patented “raise/lower” design pre-stresses the frame while simultaneously eliminating mesh contact with the frame surface during stretching. This specialized “non-contact” stretching eliminates any hazardous friction, uneven tensioning or resultant tears caused by distorting the mesh when it comes in contact with rough or uneven frame surfaces.

The long 120mm stroke per clamp allows for almost 250mm of total stretch in each direction. A special pneumatic device lifts the mesh above the frame for stretching, while the clamps hold (and pre-stress) the frame. Once the desired tension is achieved, the mesh is lowered for adhesion to the frame.
SAATI clamps feature a uniquely-designed modular plug-in system for easy set-up in minutes.



TECHNICAL FEATURES
- CE Certified
- Internal components extruded in aluminum, exterior in powder coated steel
- Independent pneumatic control for both horizontal axis (via optional control panel)
- Daisy chain connection, no manifold needed
- Adjustable frame support.

BENEFITS
- Higher tension, longer stroke
- Tension from small frames to extremely large frames
- Very high degree of repeatability
- High reliability, easy maintenance.

Top 12 Plus Technical Specifications	
Clamp Weight	10 kg
Clamp Total Length	652 mm
Stretching Stroke	120 mm
Lifting Stroke	15 mm
Clamp Length to Frame Contact Point	540 mm
Maximum Tension	60 N/cm
Compressed Air	95-100 PSI (humidity free air line required)
Jaw Width	250 mm (std) 150 mm (on request)
Table Size	Frame external size + 108 cm

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 SB1 PLUS

- Mounts screen mesh onto aluminium, steel, iron, plastic-coated and wood frames
- Extraordinary initial adhesion allows screens to be removed from the stretching system only minutes after applying
- Superior resistance to solvents and heat
- Good performances on automatic cleaning machines with solvent
- Ultrafix SB1 Plus is clear, high viscosity adhesive for all fabrics mesh-counts.

ULTRAFIX SB2 PLUS

- Mounts screen mesh onto aluminium, steel, iron, plastic-coated and wood frames
- Extraordinary initial adhesion allows screens to be removed from the stretching system only minutes after applying
- Superior resistance to solvents, heat and automatic cleaning machine
- Ultrafix SB2 Plus is low viscosity adhesive for medium to fine fabrics mesh-counts.

ULTRAFIX SB4 PLUS

- Extraordinary initial adhesion allows to glue screen mesh also on untreated aluminium frames (sleek)
- Extraordinary initial adhesion allows screens to be removed from the stretching system only minutes after applying
- 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.

ULTRAFIX SB9 PLUS

- Very opaque after drying, SB9 Plus has a smooth and even surface
- Good on any frame surface and its extraordinary initial adhesion allows gluing of screen mesh on untreated 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 it's production runs.

Description	SB1 Plus	SB2 Plus	SB4 Plus	SB9 Plus
Viscosity	High	Low	Low	Low
Colour	Clear, Blue, Red	Clear, Blue, Red, Green	Green	Red
For Mesh Counts	<55	>55	>55	>55
Pot Life	60-90 min	60-90 min	90-120 min	90-120 min
Mixing Ratio	5 parts : 1 part catalyst	5 parts : 1 part catalyst	5 parts : 1 part catalyst	5 parts : 1 part catalyst
Why Choose This Product	Suitable for meshes with low mesh count. Suggested for automatic machines	For aluminum, steel, iron, plastic-coated and wood frames. Not suggested for automatic machines.	Can be used on untreated aluminum frames (sleek). Suggested for automatic machines. Slower	It does not contain Acetone

SAATI Textile Adhesives

Adhesives for Screen Production and Securing Media On-Press

ULTRAFIX CA SERIES

Spray-activated cyanoacrylate adhesives with aerosol/pump activator

- Cures instantly
- Highly resistant to water and solvents
- Provides excellent bonding strength, high shear strength and low peel
- For use on metal and wooden frames
- Available in 3 viscosities for all mesh counts

Product	Optimal Mesh Count
Ultrafix CA50	130-200
Ultrafix CA100	77-150
Ultrafix CA150	6.5-77

To help you determine which type of frame adhesive is best for your application, the following comparison outlines the differences between cyanoacrylate systems and two-part systems

	CA Series	SB Series
Ease of Application	No mixing required; spray-activated	Requires mixing, and once mixed, is subject to a limited pot life
Drying Time	Instant (<30 seconds)	Approximately 5-15 Minutes
Durability	Slightly less than a two-part	Best of all Adhesive Systems

ULTRAFIX EP1 A&B

Adheres metal end-rings to nickel rotary screens

- Epoxy, two-component adhesive
- High chemical resistance against textile printing inks
- Excellent mechanical resistance allows Ultrafix EP1 to withstand shock and vibrations during printing process without problems
- 90 minute pot life after mixing A & B components.

SPRAY ADHESIVE

Holds garments securely on platen.

- Long lasting
- Good adhesion
- Ideal for automatic machines with IR lamps
- Suitable for many kinds of fabric
- It doesn't spot and transfer onto fabric
- Ecologic without CFC.

ULTRAFIX PT

Holds garments securely on pallet, or belt, during printing

- Water-based pressure sensitive adhesive
- High tack level holds fleece & tees
- Flash safe & non-staining
- Non-flammable & no VOC's.

SAATI Mesh Preparation Chemicals

World Class Chemicals for Each Step Screen Cleaning

The SAATI product range comprises a full suite of products to enable screen preparation and recycling. SAATI mesh preparation products are economical, easy to use and provide consistent results with any mesh.
Our DIRECT PREP series is specially designed to clean and prepare your screen mesh surface. They improve film lamination and the coating and bonding of direct photoemulsions and minimize pinholes, resulting in optimum stencil performance and durability.
DIRECT PREP goes a step beyond conventional degreasers and actually treat the fabric surface with a wetting agent, making the screen more “wettable” 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

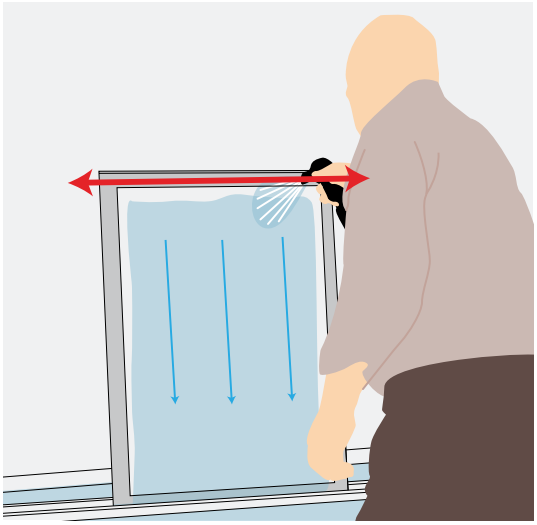
Highly recommended for use with capillary films

Direct Prep 2
Combination Degreaser/Wetting Agent
- Ready-to-use liquid wetting agent and 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 garden 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.



SAATItex Emulsion

The World Class Range of Emulsions for Apparel and Other Textile Printing

SAATItex emulsions are designed specifically for the garment and textile industries. The SAATItex range encompasses pure photopolymer, diazo and our unique triple-cure technologies.
SAATItex emulsions feature wide latitude and yield high-resolution stencils with fewer pinholes. The high solids content and medium viscosity of SAATItex emulsions give good coverage on all mesh counts.
All SAATItex emulsions are non-hazardous and biodegradable.

DIAZO-BASED
GRAPHIC DS4 (DC106)
An economical water-resistant emulsion
- Excellent resistance to plastisol and water-based ink
- Reclaimable unless hardened with SAATI Fixer 9.

TRIPLE-CURE
SAATITEX HT + Diazo Saati A
Permanent, waterproof stencils for textile printing
- Blue high-resolution emulsion designed for textile printing applications
- Triple-cure technology results in outstanding mechanical resistance and durability
- Not reclaimable after catalyzing with SAATI Fixer 9.

TRIPLE-CURE
SAATI TEX HT FAST +D31
Blue triple-cure photo-emulsion for Flat bed and textile garment printing.
- Blue triple-cure emulsion for printing plastisol, water based and discharge inks
- High resolution and definition.

TEXTIL PHW [AND PHW HV]
Pure photopolymer emulsion for thick stencil production
- High solids content of 48% [50% HV] and high viscosity can produce 3000 micron stencil thickness with simple coating procedure
- Exposes 10 times faster than diazo or dual-cure emulsions
- Resistant to plastisol inks, water and high humidity
- Optimum elasticity.

SAATITEX PHU2
All purpose solvent and water resistant photoemulsion
- Red one-part pure photopolymer emulsion, no mixing required
- Approximately 4x faster than typical 2 part emulsion
- 46% solids content and medium viscosity, easy coating on all mesh counts
- 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.

PURE PHOTOPOLYMER
TEXTIL PV
The durable and fast garment emulsion
- Red pure photopolymer emulsion designed for general garment printing applications
- Requires no mixing
- Exposes approximately eight-times faster than diazo or dual-cure emulsion
- Resistant to plastisol ink, abrasion and high humidity
- Water resistant when post-exposed.

SAATItex Emulsion

The World Class Range of Emulsions for Apparel and Other Textile Printing

Description	Textil DW	SAATItex HT	Textil PV	SAATItex PHU2	Textil PHW
Viscosity	Medium	Medium	Medium	Medium	High
Colour	Violet, Blue	Blue	Red	Blue, Red	Green
Type	Diazo	Triple cure	Pure	Pure	Pure
Solids Content	41%	46%	43%	46%	48%
Solvent Based Ink	No	Yes	No	Yes	No
Water Based Ink	Yes	Yes	Yes	Yes	Yes
Plastisol	Yes	Yes	Yes	Yes	Yes
UV Curable	No	Yes	No	Yes	No
Exposure Speed	Medium	Low	Very High	High	Highest
Resolution	Good	Excellent	Average	Good	Good
Why Choose This Product	Economical, water-resistant.	Mechanically resistant and durable. High resolution & definition. Can be hardened with Fixer	Exposes eight times faster than diazo-based. Resistant to discharge inks.	Universally resistant, four times faster than diazo. Wide latitude.	Ten times faster than diazo. Suitable for producing high thickness stencils

ROTARY PRINTING

SAATITEX ROTARY CTS

Pure photopolymer rotary printing emulsion

- Low viscosity, one part pure photopolymer emulsion, compatible with industrial discharges
- Very high exposure speed
- Developed for BlueRay and LED engraving
- Remarkable wet adhesion during develop process
- Excellent adhesion to nickel mesh
- Excellent resistance to abrasion and all ink types after curing
- Very good resolution for fine lines and half-tones.

SAATITEX ROTARY CTS HR

Pure photopolymer emulsion for thick stencil production

- Low viscosity, one part pure photopolymer emulsion, compatible with industrial discharges
- High exposure speed
- Developed for BlueRay and LED engraving
- Remarkable wet adhesion during develop process
- Very good adhesion to nickel mesh
- Excellent resistance to abrasion and all ink types after curing
- Excellent resolution for fine lines and half-tones.

SAATITEX DTR BLUE

Diazo-based rotary printing emulsion

- Blue water-based diazo sensitizing emulsion
- Designed for both CTS & conventional film, waxjet and inkjet exposure
- Excellent adhesion to nickel mesh
- Excellent resistance to abrasion and all ink types after curing
- Very good resolution & definition
- Specifically designed for applications with double squeegee
- Excellent performance with a wide range nickel mesh counts.

Fixer Series Emulsion Hardeners

Enhance the Durability of Your Stencils, or Create Catalyzed Permanent Stencils

FIXER SERIES
SAATI Fixer chemicals act as a catalyst for triple-cure emulsions (like SAATItex HT) to make a permanent, solvent resistant and waterproof stencil. They work as an emulsion hardener for water-resistant emulsions such as Textil DW to make more durable stencils that retain their reclaimability.

FIXER 1
Imparts higher resistance when applied to “Triple Cure Emulsions”.

FIXER 2
Can be applied on nylon mesh without damage.

FIXER 6
Does not need to be suctioned after application on emulsion.

FIXER 9
Imparts higher resistance to any emulsion, particularly when applied to “Triple Cure Emulsions”
This is the one Screentec uses in it’s production runs.

FIXER 10
Imparts higher resistance to any emulsion, particularly when applied to “Triple Cure Emulsions”.

Product	Use on Poly Mesh	Use on Nylon Mesh	Cure at Room Temperature	Cure at 40-50°C	Effect on Triple Cure Emulsion	Effect on Standard Emulsion
Fixer 1	Yes	No	18-24 Hours	60-40 minutes	Not Reclaimable	Reclaimable
Fixer 2	Yes	Yes	18-24 Hours	60-40 minutes	Difficult Reclaim	Reclaimable
Fixer 6	Yes	No	18-24 Hours	60-40 minutes	Not Reclaimable	Difficult Reclaim
Fixer 9	Yes	No	18-24 Hours	60-40 minutes	Not Reclaimable	Difficult Reclaim
Fixer 10	Yes	No	18-24 Hours	60-40 minutes	Not Reclaimable	Difficult Reclaim

SAATI Blockouts/Screen Fillers

High Quality Liquid Blockout Products to Seal Screens and Fill Pinholes

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

Finish S1
- Red, water-based liquid blockout
- For use with solvent-based, UVcured, & plastisol ink
- Remove with water.

Finish S3
Highest viscosity Finish S product
- High viscosity version of Finish S2
- For optimum results on low mesh count screens.

FINISH SU1 A&B
Two part polyurethane screen sealer
APPLICATION
Provides protective coating for frame adhesive and permanently replaces blockout tape.
CHARACTERISTICS
- Red water-based two part polyurethane
- Easy to apply by scoop coater, brush or scraper
- Tack free immediately after drying
- One hour plus mixed pot life
- Gains 100% water, solvent and corrosive resistance after curing for 24 hours.

FEATURES/BENEFITS
- Low odour, non flammable and easy to mix & apply
- Water based formula - does not attack & weaken frame adhesive
- Can be applied onto freshly dry glue on stretching table - to accelerate full cure & bonding.

Finish S2
Increased filling power
- Blue, water-based liquid blockout
- 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
- Remove with water.

Finish W1(Dark)
Unique reclaimable, water-based blockout
- 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.

SAATI LTS 6080 Laser Image/Exposure Unit

High Resolution Direct Laser Image & Exposure Unit

DESCRIPTION
Self-contained, high efficiency direct laser computer to screen Image & Exposure unit, operated by PC with optional RIP.

APPLICATIONS
Designed to efficiently image and expose screens up to a maximum size of 25”x36” without a vacuum or film positives.

CHARACTERISTICS
- Facedown glass panel with enclosing lid
- 96 laser array capable of 2540, 1693, 1270, 1016, or 847 DPI
- Exposes all emulsions and stencil films
- Easy to use software, compatible with many RIP programs
- Utilizes 1-bit TIFF file format.

FEATURES/BENEFITS
- Very high resolution CtS exposure capable of reproducing the most demanding image types
- Digitally process all types of PC & Mac design files in house with no film positives
- No consumables and low power consumption for minimized costs
- 10,000+ hour lamp life and easy, low cost maintenance.

SPECIFICATIONS
- Maximum Image Size: 60x80 cm
- Overall Dimensions: 142 x 71 x 91 cm
- Weight: 400 kg.
- Compatible with 110V or 220V input
- Two Year Warranty
- CE Approved.

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.

AQUA CHECK
The only stencil moisture meter, the TQM Aqua-Check determines when the stencil is dry enough to expose. Our exclusive TQM Aqua-Check meter detects hidden moisture instantly. It is a fast & accurate measurement that prevents you from taking chances with your stencil. The battery operated contact meter provides direct readings of the residual moisture content in coated (and dried) screens to ultimately prevent pinholes and premature stencil breakdown. If a screen is not dried thoroughly before exposure, it will not harden effectively, and is therefore vulnerable to these deficiencies. The Aqua-Check's modest cost can save you big outlays in press downtime and stencil remakes. For use on polyester and nylon screen mesh. There is no guess work. Simply hold it against the emulsion or film surface and press the "READ" button for 2 seconds.
Read the dial.
Red for trouble ahead. Orange for risky. Green for go!

Quality Control Devices

Maximize Efficiency by Improving the Quality of Your Stencils

TQMTM ELECTRONIC THICKNESS GAUGE®

TQM Electronic Thickness Gauge (ETG) is the only thickness gauge that calculates the difference between the fabric and emulsion thicknesses automatically. It is the choice for the screen printer looking for a practical, compact and easy to use thickness gauge for quality control purposes. Its uses include screen mesh and stencil measurements, as well as substrate and cured ink film measurements. The ETG works on the principle of magnetic induction, and is used in conjunction with a small, hand-held test plate. The coated mesh sample is placed between the measuring probe and the test plate. The micron or mil measurement is displayed immediately. The TQM ETG unit does not normally require calibration before use. However, the unit is supplied with calibration shims to confirm instrument accuracy or to measure unusually thick or curved samples. For those requiring conformance to very tight quality controls, the TQM ETG can be ordered with an optional Certificate of Calibration to NIST standards.

FEATURES

- Digital accuracy of ±1%
- Also measures dry ink thickness on substrate
- For use on polyester, nylon or stainless steel mesh
- Measures automatically in mils or microns
- Factory-installed, custom-fit probe system means all models are calibrated and shipped ready-to-use
- Automatic shut-off after 7 minutes of non-use
- Automatic low battery shut-off eliminates invalid readings
- Heavy-duty carrying case.

BENEFITS

- Save time with no more guess-work
- Very simple to use
- Provides an automatic calculation of the difference between the fabric and emulsion thicknesses.

OPTIONS

- Certificate of Calibration to NIST standards for quality control or ISO 9000 compliance programs
- Bi-yearly calibration program, based on instrument inspection
- Spare parts available: ETG base plates and ETG calibration foils.

POCKET SURF III ROUGHNESS METER

The Pocket Surf III Surface Meter is a pocket-sized, battery operated roughness gauge for measuring stencil and substrate surface roughness parameters in Ra, Rmax and Rz with digital readout. The Pocket Surf III is solidly built with a durable cast aluminium housing for years of accurate surface measurements. Its digital display is conveniently located on top of the device for optimum visibility.

FEATURES

- General purpose probe with 0.0004”/10 micron radius
- Offers three traverse lengths
- Supplied with a certified reference specimen, riser plate battery and custom-fitted protective case
- Easy-to-read LCD display presents the measured roughness values in microinches or micrometers
- Out-of-range (high/low) and battery low warning signals
- Serial output for Statistical Process Control (SPC).

BENEFITS

- Economically priced
- Fast and accurate; measurement produced within a half second of traversing the surface
- Provides a measurable indicator of how efficiently the print side of the stencil controls edge definition
- An acceptable Rz value assures proper gasketing of the stencil to the substrate, and controls the ink flow.

OPTIONS

- Power transformer to replace battery operation.

Quality Control Devices

Maximize Efficiency by Improving the Quality of Your Stencils

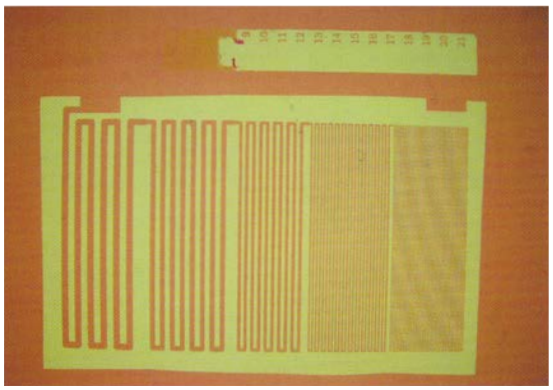
SAATI 21-STEP SENSITIVITY GUIDE

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)

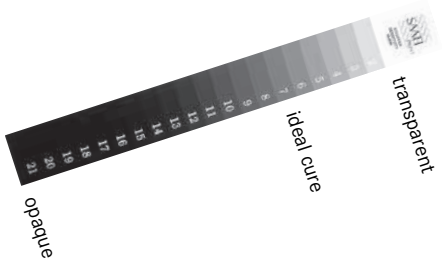
60 Seconds
Step 9
overexposed
Rx: - 0.5x (30s)

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 decrease 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.

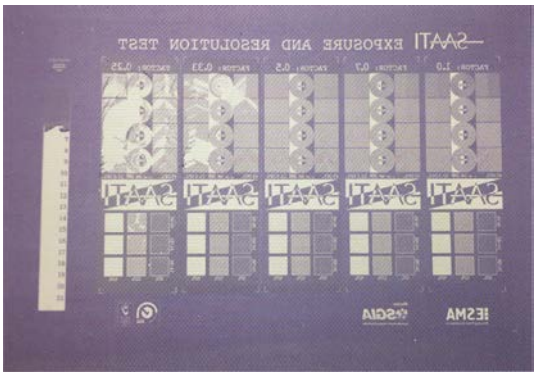
Quality Control Devices

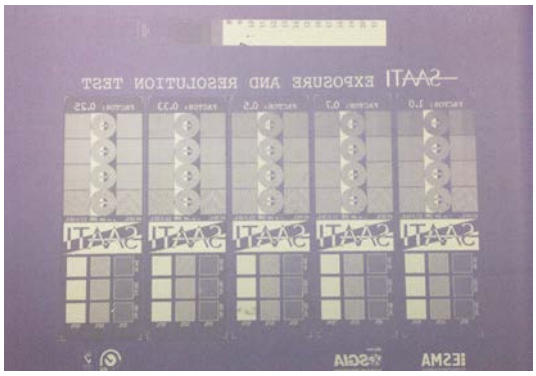
Maximize Efficiency by Improving the Quality of Your Stencils

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.





ANGLE DETERMINER

The ISPS Thread Direction/Mesh Angle Gauge is a quick and easy way to reference the mesh angle on any screen, eliminating the guesswork caused by unmarked screens especially in 4-color process printing. In addition, the gauge is very helpful in diagnosing moiré issues caused by screens or films. Can be used on coated and uncoated screens, as well as film

DIRECTIONS

Use gauge by laying it directly on the screen or film. A moiré pattern appears on the tool at the angle it sees.

Quality Control Devices

Maximize Efficiency by Improving the Quality of Your Stencils

VIVIDIA PORTABLE DIGITAL HANDHELD MICROSCOPE

The Vividia 3R-500UV Portable Handheld Digital Microscope has 3.5" LCD screen, up to 200x magnification, both white and UV LED lights, and 5MP sensors. Images and videos are saved on SD cards, and the microscope can be used on a PC via USB cable connection and included software. Vividia 3R-500UV are widely used in printing, forensic science, education, medical, manufacturing, electronics, hobby etc.

FEATURES

- Small, light, and portable
- High definition images, 5MP and clear images
- Magnification from 10x to 200x. With digital zoom to ~800x
- Switchable white LED lights and UV LED lights
- Simple scale can be showed on LCD screen to assist measurement
- Can be used on PC with USB connection and included measurement application software
- Take photos,record videos and store on SD card.

PRODUCT DETAILS

- Dimension: 117mm(L) x 75mm(W) x 67mm(H) - 4.6 x 2.9 x 2.6"
- Weight: 170g (5.75 oz) without SD Card
- Battery: Rechargeable 1800mAH lithium-ion battery
- Power Supply: DC 5V/1A ± 10%
- Battery Capacity: Approx. 4 hours for continuous working with 500 cycles.

TECHNICAL DETAILS

- Camera Type: 1/3 " color CMOS Sensor Digital Camera
- Image Resolution: 640(W x480(H), 1280x960, 1600x1200, 2048X1536, or 2560x1920(5MP)
- Image Quality: Highest Definition
- Image Format: JPEG
- Video Format: AVI with VGA or QVGA resolution
- Illumination: 4 white LED+4 UV LED with adjustable luminance and switchable
- Lens: 200x Zoom microscopy lens with High Definition
- Magnification: 10x-200x
- Digital Zoom: Continuous 4x (Max total magnification 800X)
- Aperture: Auto
- Sensitivity: Approximately equivalent to ISO 100, 200, 400
- LCD Monitor: 3.5" TFT LCD with 76800-dot(320x240)
- SD Card Support: Up to 32G
- Camera Functions: Shutter Snapshot, Video recording, Image and Video displaying
- Extending Shutter: Support extending shutter/ Video recording/Led exchanging
- Focus Range: 0-60mm
- PC connection: USB 1.1/2.0.

INCLUDED

- Microscope, Wired controller, Lens cover (2 pieces) & Spacer (2 pieces), USB charging cable, mini USB cable, AC/USB charging adapter, Strap, Simple scale, Software CD, SDHC card 4GB, Cleaning cloth, Instruction manual.

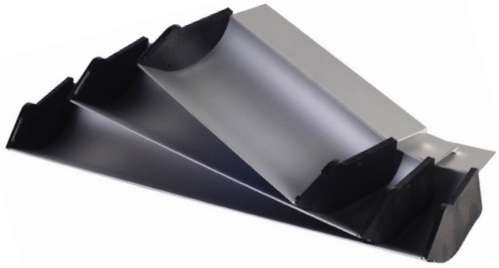
Up to 800x Zoom.

Screen Making Accessories

High Quality Accessories for Your Screen Making Cycle

DUAL EDGE COATING TROUGHS
- Available in lengths of 3 meters
- 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 of 2.5 meters
- 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.

Unitex® squeegees printing for the long run

Unitex® Marathon

Textile screen printing

Unitex® Marathon provides premium screen printing performance and quality at a competitive price.

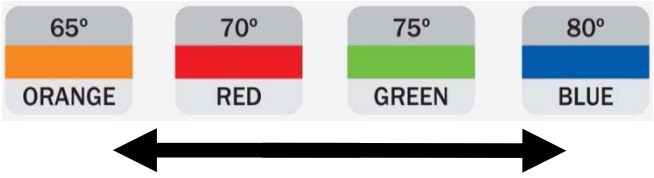
It is made from MDI (Diphenylmethane Diisocyanate) technology, and is designed to give superior resistance to degradation by commonly used inks, solvents and monomers used in modern printing processes.

Benefits:

- Compatible with most textile inks – delivers the definition your printing demands
- Resistant to solvents used in modern ink systems - long predictable print runs *
- Precision printing edge – pin sharp reproduction
- Excellent abrasion resistance - last print as good as the first print
- Made from high grade polyurethane - compatible with a wide range of inks and systems
- Tight manufacturing tolerances - minimal set up and re-set up times
- Consistent Durometer - keeping your colors strong and vibrant
- High degree of inspection - your last squeegee in stock won't let you down
- Trelleborg Expertise - high performance, long squeegee life and outstanding value

Durometer/Color Coding:

Tolerance: +/- 3° Shore A

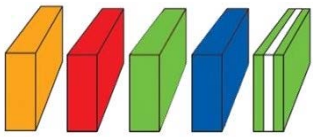


Softer Squeegee
More ink, richer colours

Harder Squeegee
Less ink, greater detail

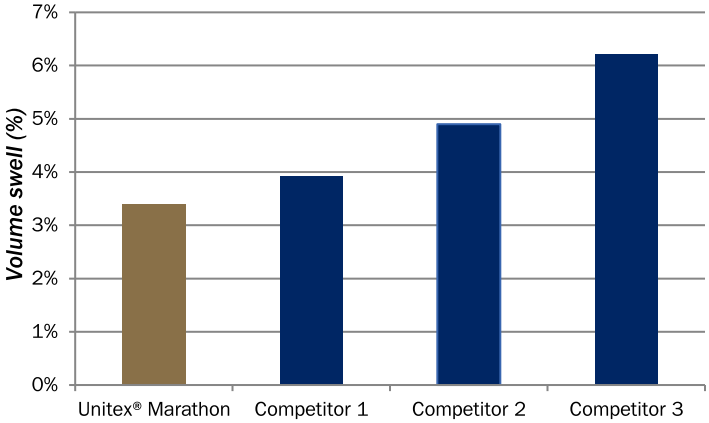
Profile:

- Single Durometer
- Multi Durometer



*** Squeegee Solvent Swell Test**

80 Shore A Single Durometer Volume Swell Test in High Intensity White UV Ink System



Immersed in ink for 4 hours - complete test report available on request

Textile screen printing

Unitex® Marathon is suitable for screen printing on most textile substrates – decorative or personalised Printing

Textile Printing Applications:

- Automatic flat screen
- Semi-automatic screen
- Rotary screen
- Hand printing

Typical Ink Systems:

- Plastisol
- Soft hand plastisol
- Water based
- Water based discharge

Technical Recommendations:

- Unitex® Marathon can cope with intricate designs on silk through to durable bold prints on a wide range of fabric-based substrates
- Textiles such as T-shirts often require a large amount of ink deposited, so a softer squeegee is required - such as Unitex® Marathon 65° Shore A
- For finer meshes, increase the hardness of the squeegee to reduce ink deposited and increase detail - for example Unitex® Marathon 80° Shore A

Unitex® Marathon exceeds the performance of similar squeegees on the market

Technical Data:

Dimensions	Plain Section	Tolerance
Length	Up to 3750mm (147")	+/- 10mm
Width	15 - 50mm (0.6 - 2")	+/- 0.5mm
	50 - 100mm (2 - 4")	+/- 1mm
	100 - 610mm (4 - 24")	+/- 5mm
Thickness	Up to 12.5mm	+/- 0.4mm
Type	**Hardness**	**Tolerance**
Unitex® Marathon	60° - 90° Sh A in 5° Increments	+/- 3° Shore A

Available in different profiles, hardnesses and sizes on request.

Case study

Large volume garment textile printer.

Objectives:
Cost saving without compromising quality.

Outcome:

- Better purchase price
- Improvements in print quality and accuracy
- Extended print runs
- Excellent quality - Zero rejects

Comments from the Production Manager:
'We replaced our existing squeegee, which was from one of the major squeegee manufacturers, with Unitex® Marathon. It has exceeded our expectations in both cost savings as well as significant improvements in quality.'

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 IR02

Press Wash or Screenwash for Solvent/Textile Inks

- Removes inks during and after print
- Fast evaporation
- 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 TEC IR02	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
Water Based 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

INK REMOVERS

Ink degradents are used to remove ink from screens prior to reclaiming. Water rinseable and drain safe.

Remove IR14

Water-Based Ink Degradent 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 Degradent 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 Degradent 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 TEC IR05

Low Cost Emulsifiable Screenwash

- 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, water-based 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	High efficiency 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.

Concentrated Liquid Available
TEC29 1:60 TEC30 1:80

ER2

Liquid concentrate that includes powerful built-in degreaser.
Dilute 1:35 by volume, or 1:25 by weight to provide full strength working solution for spray application.

Benefits & Features

- Very easy to dissolve and will not crystallize
- Degreaser cuts through any greasy film left after ink removal and this ensures fast and efficient stencil removal.

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 Has Been Removed.

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 high pressure wash.

Description	Remove HR105	Remove HR3	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	Aggres-sive Power

Remove HR3

- 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.

SAATI Screen Reclaim Process

High Quality Accessories for Your Screen Recycling Process

BRUSHES FOR ADHESIVES
High quality natural bristle brushes designed for the application of viscous two-part polyurethane adhesives to adhere mesh to all frame types during stretching.

SCREEN PREPARATION BRUSHES
- 100% chemically resistant
- Stiff nylon bristles
- Perfect for spreading degreasers, decoaters and haze removers.

LARGE SCREEN BRUSHES
- 100% chemically resistant
- Blue handle brush has medium stiffness bristles
- Green handle brush has very soft spliced 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.

Exposure Units

PRINTASCREEN
2 & 5kw metal halide
Fully enclosed exposure units

UV LED (400nm) Exposure Units
Built to customer specified sizes, zoned areas, backlight.
Vertical, horizontal and table top versions available.

Drying Cabinets

Built to suit available space

Horizontal
5 drawer
Mesh or floating bar shelves

Stencil Developing

Washout Booths
Zinc galvanised
Polypropylene
Illuminated
Special filters

Handtable

Manual - Standard
Robust construction
Vacuum print base
Precision registration
Fully customisable

Kippax printtech
screen printing systems

screen TEC
PRINT ESSENTIALS LTD

Textile Printing

Heated Bed Option
Premium print surface with step & repeat capability.
Available in any size upto 30m in length.

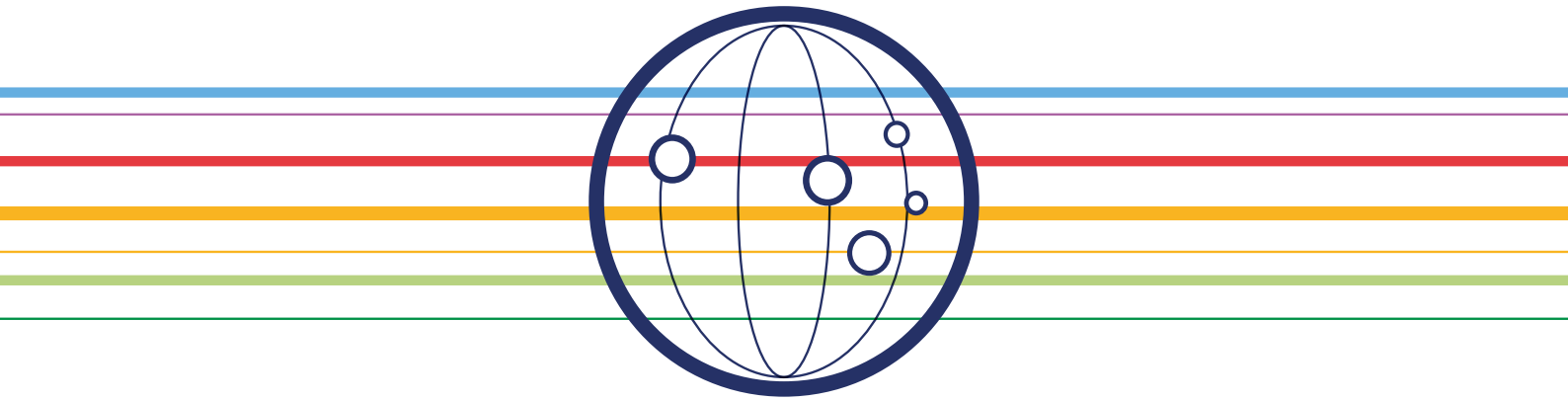
Infra-Red Conveyor Dryer
Premium print surface with step & repeat capability.
Available in any size upto 30m in length.

Manual T-Shirt Printers
4 or 6 colour manual T-Shirt printer.
All print heads down with adjustable screen height.

Manual Bench T-Shirt Printers
1, 2 or 4 colour manual T-Shirt printer.

Umbrella Printers
Single colour manual and semi-automatic options available.

Printer Cooler and Flash Cure Units



screen TEC
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11/2021

SAATI
We cross-innovate