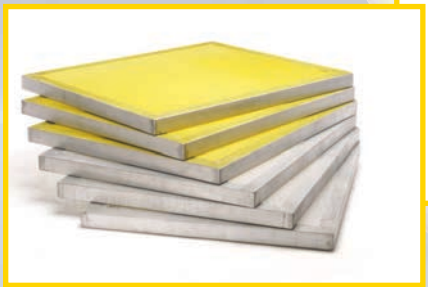
Frames, Pre-Stretched Screens, and Re-Stretched Screen Service

Maximum Strength Lightweight Guaranteed Construction

Great screen printing starts with the best screens, and great screens depend on the frames you select.

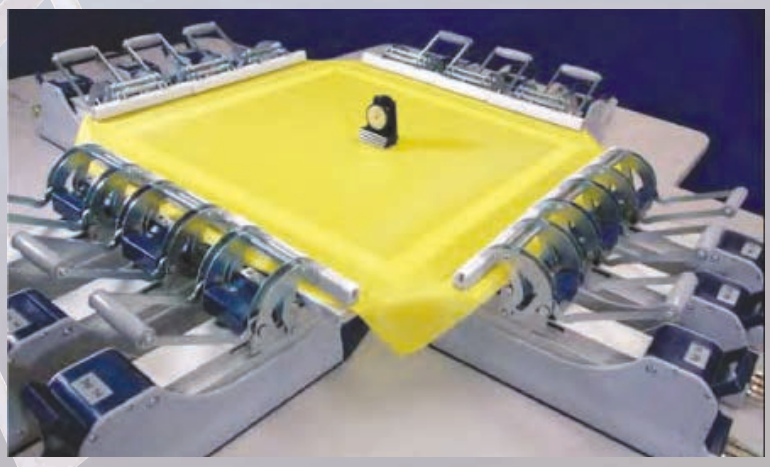
At GSF, we know that a strong, sturdy, lightweight frame will enable you to tension screens properly and maintain good print registration throughout the print run. That is why we use only the strongest aluminum alloy available, and we guarantee our corner construction for the life of the frame.

You can also depend on us for the most competitive pricing and fastest delivery of your custom-made frames and pre-stretched screens.



Pre-Stretched Screens and Re-Stretched

Whether you need all of your screens pre-stretched or just the occasional odd-sized screen, you'll be happy to know we use only the best tensioning equipment and low-elongation meshes from top manufacturers!



TO PLACE AN ORDER OR MORE INFORMATION
CALL (800) 352-5566 OR
EMAIL: Info@GraphicScreenFashion.com

GSF TexScreens

Pre-Stretched and Re-Stretched Screens

Screens are made with the lightest and strongest alloy. All our screens are tensioned and worked harden with the best tensioning equipment. We ONLY use low-elongation mesh from the top manufacturers. GSF TexScreens will out last and perform our competitors.

GSF TexScreen

NEW SCREENS			
Mesh Counts	20 x 24	23 x 31	25 x 36
86	25.70	30.48	38.12
110	24.70	30.48	38.12
125	25.70	30.48	38.12
140	25.70	30.48	38.12
156	25.75	30.81	38.27
180	26.58	31.63	39.22
196	27.31	31.97	40.34
230	28.31	33.96	41.87
255	29.15	35.14	43.12
280	29.96	36.12	44.17
305	30.32	36.69	44.34

RESTRETCHED SCREENS			
Mesh Counts	20 x 24	23 x 31	25 x 36
86	13.11	14.80	22.05
110	13.11	14.80	22.05
125	13.11	14.80	22.05
140	13.11	14.80	22.05
156	13.11	14.80	22.05
180	13.11	14.80	22.05
196	13.11	14.80	22.05
230	15.10	20.13	25.17
255	16.83	21.59	27.01
280	16.89	22.43	27.91
305	17.49	22.92	28.09

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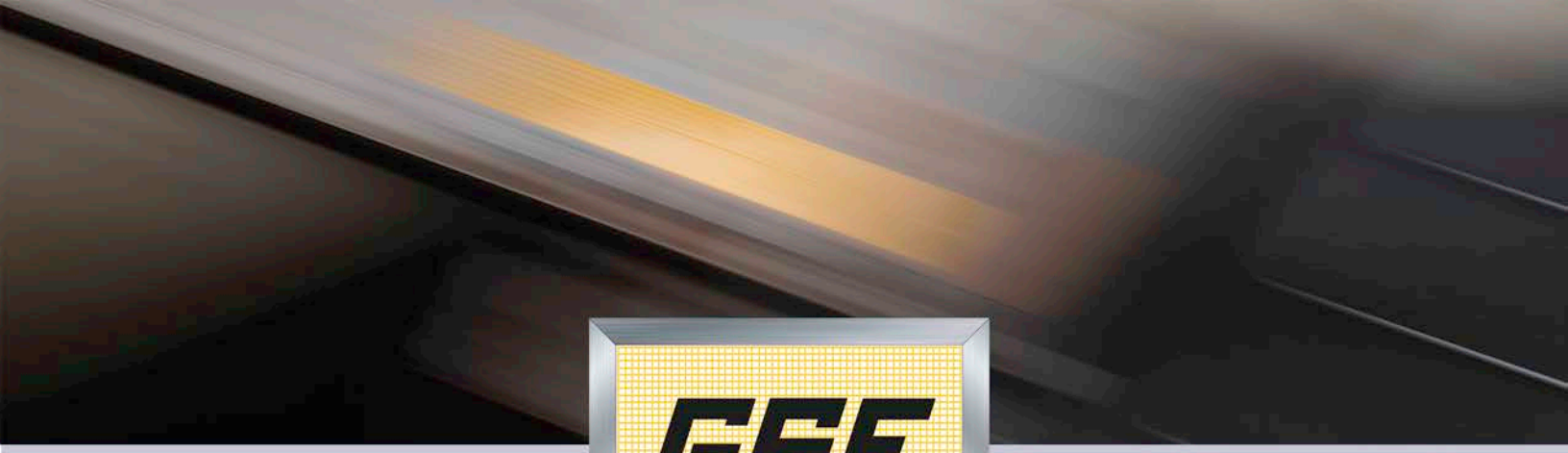
Prices subject to change



GSF Thin Thread TexScreens, low elongation polyester monofilament screen printing fabric with a surface treatment developed to meet the requirements of garment printing applications.

Designed to increase ink deposit when printing water-based and plastisol inks.

GSF Thin Thread TexScreens maintains standard mesh counts with thinner thread diameters.

Product Benefits

- Ink flows better from increased open area
- Squeegee pressure can be reduced because of better ink flow
- Faster print speeds for base inks
- Water based inks stay open longer

Product Characteristics

- Precise mesh openings due to quality production processes
- Long lasting plasma treated surface

GSF Thin Thread TexScreen

NEW SCREENS

Mesh Counts	20 x 24	23 x 31	25 x 36
80.71	30.43	36.06	45.09
110.64	30.43	36.06	45.09
125.55	30.43	36.06	45.09
140.48	30.43	36.06	45.09
157.48	31.75	36.44	45.09
180.48	31.44	37.41	46.39
200.48	32.32	37.82	47.72
230.40	33.50	40.17	49.52
255.40	37.66	41.58	51.03
280.34	35.44	42.74	52.27
305.34	35.87	43.42	52.45

RESTRETCHED SCREENS

Mesh Counts	20 x 24	23 x 31	25 x 36
86.71	15.66	17.65	26.33
110.64	15.66	17.65	26.33
125.55	15.66	17.65	26.33
140.48	15.66	17.65	26.33
157.48	15.66	17.65	26.33
180.48	15.66	17.65	26.33
200.48	15.66	17.65	26.33
230.40	18.04	24.05	30.07
255.40	19.42	25.78	32.26
280.34	18.57	26.79	33.32
305.34	20.89	27.36	33.55

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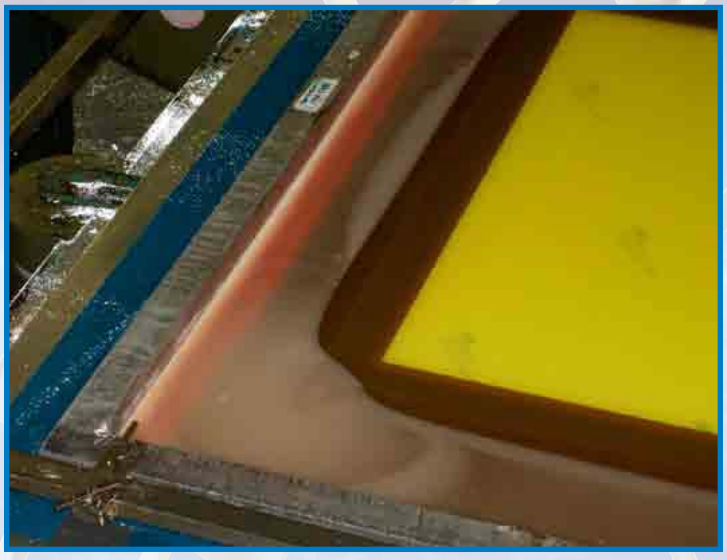
Prices subject to change

GSF *Elite* SCREEN

Eliminates Tape, Save Time, Money and The Environment



GSF *Elite* Screen is a revolutionary high performance screen frame with GSF screen sealant system. The sealant is specifically developed for screen printers.

GSF Screen Sealant System eliminates the need to tape screens the traditional way, including after each use and reclaiming process. It presents vast savings in material and labor cost, while reducing the waste from disposal of used screen tapes in your local land fills.

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GSF ELITE TexScreens is a revolutionary high performance screen. It has all the benefits as our GSF TexScreen plus our GSF Screen Sealant System. This sealant system is specifically developed for screen printers.

GSF Screen Sealant System eliminates the need to tape screens the traditional way, including after each use and reclaiming process. It presents vast savings in material and labor cost, while reducing the waste from disposal of used screen tapes in your local landfills.

GSF *Elite* TexScreen

NEW SCREENS			
Mesh Counts	20 x 24	23 x 31	25 x 36
86	32.81	37.53	46.94
110	32.81	37.53	46.94
125	32.81	37.53	46.94
140	32.81	37.53	46.94
156	33.04	37.86	47.10
180	33.67	37.86	49.08
196	34.39	39.01	49.08
230	35.38	40.98	50.65
255	36.22	42.16	51.90
280	37.02	43.13	52.94
305	37.38	43.69	53.08

RESTRETCHED SCREENS			
Mesh Counts	20 x 24	23 x 31	25 x 36
86	19.67	21.35	30.25
110	19.67	21.35	30.25
125	19.67	21.35	30.25
140	19.67	21.35	30.25
156	19.67	21.35	30.25
180	19.67	21.35	30.25
196	19.67	21.35	30.25
230	21.65	26.69	33.37
255	22.75	28.14	35.21
280	22.41	28.99	36.10
305	24.05	29.47	36.30

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Prices subject to change

GSF Thin Thread Elite TexScreens, low elongation polyester monofilament screen printing fabric with a surface treatment developed to meet the requirements of garment printing applications.

Designed to increase ink deposit when printing water-based and plastisol inks.

GSF Thin Thread Elite TexScreens maintains standard mesh counts with thinner thread diameters.

Product Benefits

- Ink flows better from increased open area
- Squeegee pressure can be reduced because of better ink flow
- Faster print speeds for base inks
- Water based inks stay open longer

Product Characteristics

- Precise mesh openings due to quality production processes
- Long lasting plasma treated surface
- GSF Sealant System eliminates taping

GSF Thin Thread *Elite* TexScreen

NEW SCREENS			
Mesh Counts	20 x 24	23 x 31	25 x 36
80.71	38.44	43.98	55.01
110.64	38.44	43.98	55.01
125.55	38.44	43.98	55.01
140.48	38.44	43.98	55.01
157.48	38.70	44.35	55.17
180.48	39.44	45.30	56.26
200.48	40.30	45.71	57.56
230.40	41.46	48.02	59.34
255.40	42.43	49.39	60.80
280.34	43.37	50.53	62.03
305.34	43.79	50.53	62.03

RESTRETCHED SCREENS			
Mesh Counts	20 x 24	23 x 31	25 x 36
86.71	23.48	25.49	36.12
110.64	23.48	25.49	36.12
125.55	23.48	25.49	36.12
140.48	23.48	25.49	36.12
157.48	23.48	25.49	36.12
180.48	23.48	25.49	36.12
200.48	23.48	25.49	36.12
230.40	25.86	31.88	39.85
255.40	27.44	33.61	42.04
280.34	28.01	34.61	43.12
305.34	28.72	34.61	43.12

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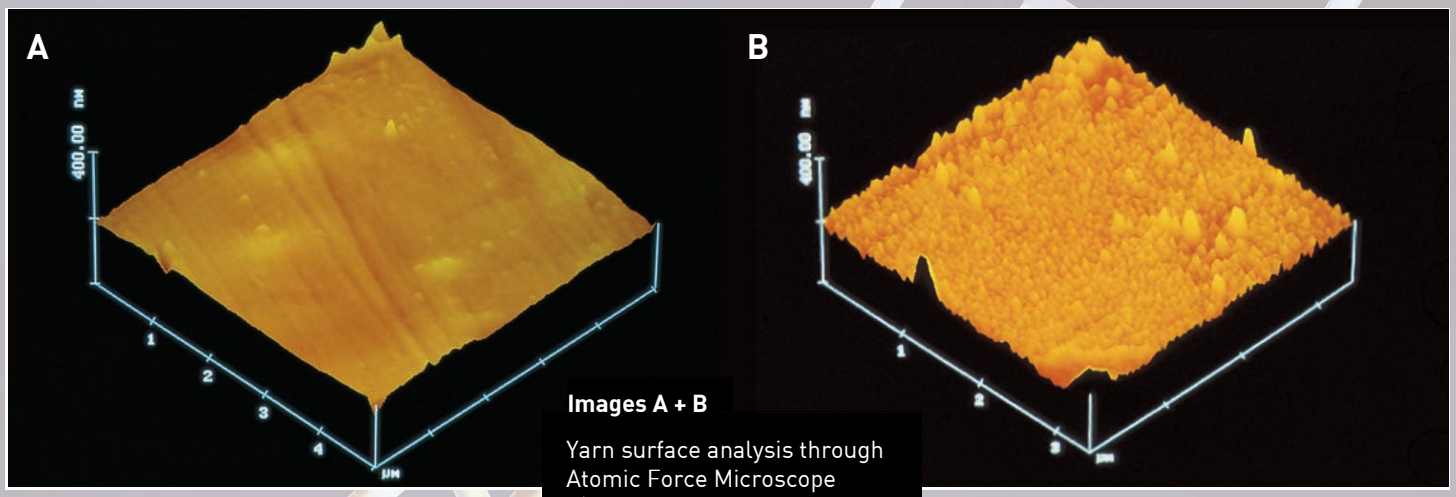
Prices subject to change

SAATILENE®HI-R® ATMOSPHERIC PLASMA SURFACE-MODIFIED MESH

Premium quality high-tension, low-elongation mesh with the value-added benefit of surface modification



Images A + B

Yarn surface analysis through Atomic Force Microscope
A) conventional polyester fabric
B) Saatilene Hibond Plus

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

KEY PRODUCT 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.)
- Most cases, no degreasing pretreatment required prior to stencil processing.

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

OTHER ADVANTAGES:

- 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

THE ATMOSPHERIC PLASMA PROCESS:

It is a plasma technology that is highly innovative in the field of textiles surface treatments. It is based on a DBD electric discharge (Dielectric Barrier Discharge) where an electrical discharge between two electrodes ionizes the air surrounding the electrodes. This process modifies the fabric surface at a nano scale.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

SAATILENE HI-R MESH SPECIFICATIONS

MESH COUNT		TYPE OF WEAVE*	THREAD DIAMETER	MESH OPENING	OVERALL FABRIC THICKNESS		PERCEN-TAGE OF OPEN AREA	THEORETICAL INK DEPOSIT		MAXIMUM RECOM-MENDED TENSION	SPECIFIC CROSS SECTION *
PER INCH	PER CM	TW OR PW	MICRONS	MICRONS	INCHES	MICRONS	%	CM^3/M^2	IN./SQ. YD.	N/CM	$SCSMM^2/CM$
86	34	PW	100	185	0.0068	173	41	71	3.64	35-40	0.267
110	43	PW	80	150	0.0052	132	43	57	2.88	35-37	0.216
125	49	PW	70	130	0.0045	116	40	46	2.28	30-34	0.188
140	55	PW	64	120	0.0041	105	41	43	2.20	26-31	0.176
158	62	PW	64	90	0.0041	106	32	34	1.66	30-34	0.199
180	71	PW	55	80	0.0036	91	33	30	1.53	25-30	0.168
196	77	PW	48	78	0.0031	80	36	29	1.48	24-26	0.139
196	77	PW	55	70	0.0035	90	28	25	1.28	27-32	0.182
230	90	PW	40	68	0.0024	62	38	24	1.23	20-24	0.113
230	90	PW	48	55	0.0032	81	27	22	1.08	27-29	0.162
255	100	PW	40	55	0.0025	64	31	20	1.02	26-28	0.125
255	100	PW	48	40	0.0032	81	16	13	0.66	30-34	0.181
280	110	PW	34	53	0.0022	56	35	20	1.02	22-24	0.099
280	110	PW	40	47	0.0027	69	26	18	0.92	25-30	0.138
305	120	PW	31	53	0.0019	48	40	19	0.97	21-24	0.090
305	120	PW	34	45	0.0021	54	29	16	0.82	24-26	0.108
305	120	PW	40	38	0.0026	67	20	13	0.66	27-32	0.15
330	130	PW	34	39	0.0021	55	26	14	0.71	24-27	0.118
355	140	PW	31	38	0.0019	48	28	13	0.66	20-22	0.105
355	140	PW	34	29	0.0022	56	16	9	0.46	23-26	0.127
355	140	TW	34	32	0.0024	60	20	12	0.61	23-26	0.127
380	150	PW	31	29	0.0019	49	20	10	0.51	22-24	0.113
380	150	PW	34	25	0.0022	56	13	7	0.35	25-27	0.136
380	150	TW	34	28	0.0023	61	17	10	0.51	25-27	0.136
420	165	PW	27	30	0.0018	46	25	12	0.61	17-21	0.094
420	165	PW	31	25	0.0019	49	17	8	0.41	24-26	0.125
460	180	PW	27	25	0.0017	43	20	8	0.41	18-22	0.103

DYNAMESH®

A WHOLLY-OWNED SUBSIDIARY OF NBC Meshtec

Presents...

α series

NBC Meshtec Alpha Mesh

Alpha Series is a top quality mesh featuring NBC's NEWSUPER treatment which modifies the surface properties of the thread at the submicron level. This, combined with optimized physical characteristics, provides these advantages.

- Smoother Paste/Ink Transition
- Extended Screen Service Life
- Extended Exposure Latitude
- Minimal Screen Tension Loss
- Improved Dimensional Accuracy

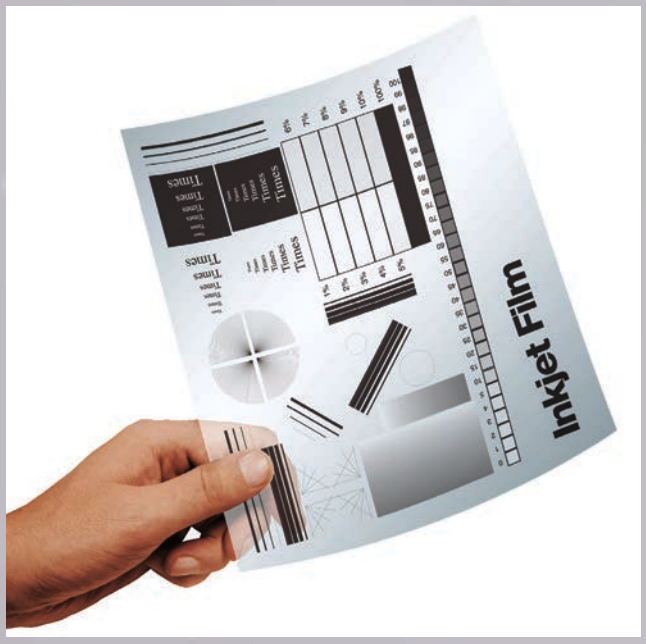
SPECIFICATIONS

Category	Mesh Code	Mesh Count		Weaving	Thread Diameter	Mesh Thickness		Mesh Opening	Open Area	Theoretical Ink Volume	
		Tolerance±3%				115-155cm	165cm+			115-160cm	165cm+
		/cm	/inch		μm	μm		μm	%	cm^2/m^2	
α series Standard	L-200-024/508PW	200	508	1:1 PW	24	36±2μm	N/A	24	23	8.3	N/A
α series Standard	L-200-027/508TW	200	508	2:2 TW	27	50±3μm	N/A	22	19	10.1	N/A
α series Standard	L-180-027/460PW	180	460	1:1 PW	27	41±2μm	42±3μm	24	19	7.7	7.9
α series Standard	L-180-030/460TW	180	460	2:2 TW	30	55±3μm	56±4μm	23	17	9.5	N/A
α series Standard	L-165-027/420PW	165	420	1:1 PW	27	40±2μm	41±3μm	30	25	9.8	10.1
α series Standard	L-165-030/420PW	165	420	1:1 PW	30	45±2μm	46±3μm	25	18	8.0	8.2
α series Standard	UX165-033/420TW	165	420	2:2 TW	33	60±3μm	60±3μm	24	16	9.4	9.4
α series Standard	L-150-027/380PW	150	380	1:1 PW	27	40±2μm	41±3μm	38	32	12.9	13.3
α series Standard	L-150-030/380PW	150	380	1:1 PW	30	45±2μm	46±3μm	33	24	11.0	11.2
α series Standard	UX150-033/380PW	150	380	1:1 PW	33	48±2μm	49±3μm	27	16	7.8	8.0
α series Standard	UX150-035/380TW	150	380	2:2 TW	35	64±3μm	64±3μm	30	20	12.9	12.9
α series Standard	L-140-027/355PW	140	355	1:1 PW	27	40±2μm	41±3μm	44	38	15.1	15.5
α series Standard	L-140-030/355PW	140	355	1:1 PW	30	45±2μm	46±3μm	39	30	13.4	13.7
α series Standard	UX140-035/355PW	140	355	1:1 PW	35	53±2μm	54±3μm	32	19	10.3	10.5
α series Standard	UX140-035/355TW	140	355	2:1 TW	35	61±3μm	61±3μm	34	23	13.8	13.8
α series Standard	L-130-027/330PW	131	334	1:1 PW	27	40±2μm	41±3μm	49	42	16.6	17.0
α series Standard	L-130-030/330PW	131	334	1:1 PW	30	45±2μm	46±3μm	44	33	15.1	15.4
α series Standard	UX130-035/330PW	130	330	1:1 PW	35	53±2μm	54±3μm	38	24	12.9	13.2
α series Standard	L-124-027/315PW	124	315	1:1 PW	27	40±2μm	41±3μm	54	45	17.9	18.4
α series Standard	L-124-030/315PW	124	315	1:1 PW	30	45±2μm	46±3μm	49	37	16.6	17.0
α series Standard	L-120-030/305PW	120	305	1:1 PW	30	46±2μm	46±3μm	53	41	18.6	18.6
α series Standard	UX120-033/305PW	120	305	1:1 PW	33	50±2μm	51±3μm	47	32	15.9	16.2
α series Standard	UX120-035/305PW	120	305	1:1 PW	35	53±2μm	54±3μm	45	29	15.5	15.8
α series Standard	UX120-040/305PW	118	300	1:1 PW	40	62±2μm	62±3μm	37	19	11.8	11.8
α series Standard	UX110-035/280PW	110	280	1:1 PW	35	53±2μm	54±3μm	53	34	18.1	18.4
α series Standard	UX106-040/270PW	106	270	1:1 PW	40	60±2μm	61±3μm	49	27	16.3	16.6
α series Standard	UX100-035/255PW	100	255	1:1 PW	35	53±2μm	54±3μm	64	41	21.9	22.3
α series Standard	UX100-040/255PW	100	255	1:1 PW	40	60±2μm	61±3μm	56	32	19.0	19.3
α series Standard	EX100-048/255PW	100	255	1:1 PW	48	76±2μm	76±3μm	45	20	15.5	15.5
α series Standard	UX90-040/230PW	90	230	1:1 PW	40	60±2μm	61±3μm	67	37	22.1	22.5
α series Standard	UX90-045/230PW	90	230	1:1 PW	45	68±2μm	69±3μm	60	30	20.1	20.4
α series Standard	EX90-048/230PW	88	225	1:1 PW	48	75±2μm	76±3μm	58	26	19.8	20.1
α series Standard	EX90-055/230TW	88	225	2:1 TW	55	91±4μm	95±5μm	54	23	20.8	21.7

SPECIFICATIONS CONTINUED

Category	Mesh Code	Mesh Count		Weaving	Thread Diameter	Mesh Thickness		Mesh Opening	Open Area	Theoretical Ink Volume	
		Tolerance ±3%				115-155cm	165cm+			115-160cm	165cm+
		/cm	/inch		µm	µm		µm	%	cm^2/m^2	
α series Standard	EX90-071/230TW	88	225	3:1 TW	71	139±10µm	N/A	38	11	15.7	N/A
α series Standard	UX90-33x2/230PW	90	230	1:1 PW	33	51±2µm	52±3µm	40	13	6.7	6.8
α series Standard	UX79-045/200PW	79	200	1:1 PW	45	68±2µm	69±3µm	81	41	27.7	28.1
α series Standard	EX79-048/200PW	79	200	1:1 PW	48	75±2µm	76±3µm	75	35	26.2	26.5
α series Standard	EX79-055/200PW	79	200	1:1 PW	55	88±4µm	88±4µm	69	30	26.0	26.0
α series Standard	UX71-045/180PW	71	180	1:1 PW	45	70±2µm	72±3µm	95	45	31.7	32.6
α series Standard	EX71-048/180PW	71	180	1:1 PW	48	76±2µm	78±4µm	91	42	31.6	32.4
α series Standard	EX71-055/180PW	71	180	1:1 PW	55	88±4µm	88±4µm	85	36	31.9	31.9
α series Standard	EX71-063/180PW	71	180	1:1 PW	63	98±5µm	N/A	71	25	24.8	N/A
α series Standard	EX63-048/160PW	63	160	1:1 PW	48	76±2µm	78±4µm	110	48	36.5	37.5
α series Standard	EX63-063/160PW	63	160	1:1 PW	63	105±5µm	105±5µm	93	34	36.0	36.0
α series Standard	EX63-071/160PW	63	160	1:1 PW	71	116±6µm	116±6µm	79	25	28.7	28.7
α series Standard	UX59-045/150PW	59	150	1:1 PW	45	72±2µm	74±4µm	124	54	38.6	39.7
α series Standard	EX59-048/150PW	59	150	1:1 PW	48	76±2µm	78±4µm	120	50	38.2	39.2
α series Standard	EX59-055/150PW	59	150	1:1 PW	55	88±4µm	88±4µm	114	45	39.9	39.9
α series Standard	EX59-063/150PW	59	150	1:1 PW	63	105±5µm	105±5µm	104	38	39.9	39.9
α series Standard	EX59-071/150PW	59	150	1:1 PW	71	116±6µm	116±6µm	91	29	33.5	33.5
α series Standard	EX55-063/140PW	55	140	1:1 PW	63	105±5µm	105±5µm	116	41	43.2	43.2
α series Standard	EX55-080/140PW	55	140	1:1 PW	80	140±7µm	140±7µm	97	29	40.0	40.0
α series Standard	UX53-045/135PW	53	135	1:1 PW	45	73±4µm	74±4µm	143	58	42.2	42.7
α series Standard	EX53-048/135PW	53	135	1:1 PW	48	79±4µm	79±4µm	139	55	43.1	43.1
α series Standard	EX53-055/135PW	53	135	1:1 PW	55	95±5µm	95±5µm	133	50	47.5	47.5
α series Standard	EX49-071/125PW	49	125	1:1 PW	71	116±6µm	116±6µm	130	41	47.6	47.6
α series Standard	UX47-045/120PW	47	120	1:1 PW	45	73±4µm	74±4µm	167	62	45.4	46.1
α series Standard	EX47-048/120PW	47	120	1:1 PW	48	80±4µm	80±4µm	163	59	47.4	47.4
α series Standard	EX47-055/120PW	47	120	1:1 PW	55	95±5µm	95±5µm	157	55	52.3	52.3
α series Standard	EX47-063/120PW	47	120	1:1 PW	63	105±5µm	105±5µm	149	50	52.0	52.0
α series Standard	EX47-080/120PW	47	120	1:1 PW	80	137±7µm	137±7µm	130	38	51.4	51.4
α series Standard	EX43-080/110PW	43	110	1:1 PW	80	132±7µm	132±7µm	150	42	55.7	55.7
α series Standard	EX39-055/100PW	39	100	1:1 PW	55	95±5µm	95±5µm	199	61	58.3	58.3
α series Standard	EX39-071/100PW	39	100	1:1 PW	71	122±6µm	122±6µm	182	51	62.6	62.6
α series Standard	EX39-080/100PW	39	100	1:1 PW	80	134±7µm	134±7µm	174	47	62.9	62.9
α series Standard	EX35-071/90PW	35	90	1:1 PW	71	125±5µm	125±5µm	210	55	69.2	69.2
α series Standard	EX35-080/90PW	35	90	1:1 PW	80	137±7µm	137±7µm	202	51	70.2	70.2
α series Standard	EX31-055/80PW	31	80	1:1 PW	55	95±5µm	95±5µm	263	69	65.2	65.2
α series Standard	EX31-071/80PW	31	80	1:1 PW	71	125±6µm	125±6µm	246	60	75.0	75.0
α series Standard	EX31-100/80PW	31	80	1:1 PW	100	170±9µm	170±9µm	218	47	80.1	80.1
α series Standard	EX27-055/70PW	27	70	1:1 PW	55	95±5µm	95±5µm	308	72	68.4	68.4
α series Standard	EX27-071/70PW	27	70	1:1 PW	71	125±6µm	125±6µm	291	64	80.4	80.4
α series Standard	EX27-125/70PW	27	70	1:1 PW	125	230±23µm	230±23µm	238	43	98.9	98.9
α series Standard	EX24-125/60PW	24	60	1:1 PW	125	230±23µm	230±23µm	298	50	114.0	114.0
α series Standard	EX24-150/60PW	24	60	1:1 PW	150	280±28µm	280±28µm	271	41	114.7	114.7
α series Standard	EX20-200/50PW	20	50	1:1 PW	200	380±38µm	380±38µm	308	37	139.7	139.7
α series Standard	EX16-200/40PW	16	40	1:1 PW	200	400±40µm	400±40µm	435	47	187.7	187.7
α series Standard	EX12-150/30PW	12	30	1:1 PW	150	290±29µm	290±29µm	696	68	256.8	256.8
α series Standard	EX12-250/30PW	12	30	1:1 PW	250	500±50µm	500±50µm	597	50	248.6	248.6
α series Standard	EX10-300/25PW	10	25	1:1 PW	300	625±62µm	625±62µm	716	50	298	298

GSF Inkjet Film



SCREEN PRINTING FRAMES
GSF
800-352-5566

SIZE	FORMAT	SIZE	FORMAT
8.5” x 11”	100 sheets	13” x 100’	roll
8.5” x 14”	100 sheets	14” x 100’	roll
11” x 17”	100 sheets	17” x 100’	roll
13” x 19”	100 sheets	24” x 100’	roll
17” x 22”	100 sheets	44” x 100’	roll

GSF Inkjet Film

GSF’s own inkjet film. This water-proof film accepts most water-based printers inks, including dye, pigment, Ultrachrome, and even Epson’s latest HDR ink. GSF inkjet films are designed to work with standard aqueous inkjet printers. Results will vary based on printer used, type of ink, software and artwork quality. Generally, printers with higher resolution capability will yield better looking positives. But remember, image quality depends the most on having quality artwork with adequate resolution and smooth line edges.

We’re proud to bring you a great value with a MADE IN THE USA product.

GSF Laser Film for Screen Printing

SIZE	FORMAT
8.5” x 11”	100 sheets
8.5” x 14”	100 sheets
11” x 17”	100 sheets
13” x 19”	100 sheets
13” x 20”	100 sheets

GSF Laser Film

GSF Laser Film is a direct replacement of premium films on the market. GSF Laser Film is a 4 mil polyester based film packaged in 100 sheets per box. GSF film is suitable for imaging on laser printers or copiers for exposing silkscreens.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

Chromaline Emulsions

Chromaline Screen Print Products develops and manufactures a variety of emulsion products, each providing unique benefits for your printing application. Contact your Graphic Screen Fashion representative today to determine the emulsion that is right for your next job.

UDC-Glide

NEW! Next generation formula incorporates slip additive, reducing squeegee friction. Humidity resistant.

UDC-2

Our best selling, blue, universal emulsion provides excellent durability and incredible image details.

Chromablue

Fast, blue, pure photopolymer. Resists Stencil lock-in. 50% solids truly reduces cost per screen.

UDC-HV

Violet emulsion for most printing applications. Wide latitude, resists stencil lock-in.

DTS Z-1

Violet, hybrid photopolymer. Dual-care properties built into a one-part formula. Resists all inks.

CP-Tex

Formulated for plastisol and water-based/discharge inks. No hardeners needed; reclaimable.

SCREEN PRINTING FRAMES
GSF
800-352-5566

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SAATICHEM EMULSIONS

DUAL-CURE TECHNOLOGY

Dual-cure emulsions contain two curing systems; a light-sensitive photopolymer system added during manufacture and the traditional sensitizer added by the end-user. Two curing systems lead to superior mesh bridging and resolution, and permits high solids contents for reduced shrinkage and improved print definition. Dual-cures are both solvent and water resistant, yet easy to reclaim.

TRIPLE-CURE TECHNOLOGY

SaatiChem's triple-cure technology has three distinct cross-linking systems that together produce a highly solvent-resistant and waterproof permanent stencil. The third curing system is triggered when the stencil is post-treated with a catalyst, SaatiChem Fixer 9. The catalyzing transforms an easy-to-reclaim, solvent-resistant stencil into a permanent stencil with unsurpassed durability among water-based emulsions. This technology is ideal for printers who need extreme water-resistance,such as textile printers, or for those using abrasive inks and need mechanical resistance such as ceramic printers. Triple-cure technology allows printers to have a durable permanent stencil and at the same time have the high-resolution traditionally achieved with a dual-cure.

PURE PHOTOPOLYMER TECHNOLOGY

Emulsions based on pure photopolymer technology have the following three main advantages:

1) They require no mixing of added sensitizer. They are presensitized and ready-to-use.
2) They have a shelf-life measured in years.
3) They expose in a fraction of the time required by either dual- cure or diazo emulsions.

With no diazo to add, you eliminate any problems with the mixing process, allowing you to jump right into production.The fast exposure times mean that hundreds of screens can be easily produced every day, and exposure times are reasonable when exposing large format screens with a single lamp or when only low power exposure lamps are available. The long shelf life means that the emulsion performs to its optimum level until the last drop. This is especially beneficial for the smaller shop.Unlike emulsions that use diazo and must be bone dry prior to exposing, pure photopolymer emulsions are unaffected by humidity.

COMPUTER-TO-SCREEN TECHNOLOGY

Saatichem's computer-to-screen emulsions are designed to optimize productivity of computer-to-screen systems by employing SBQ Pure Photopolymer technology specially tuned for maximum ensitivity. They are capable of high-speed imaging, exhibit wide latitude and produce robust and easy to process stencils.Segment specific products designed for graphic, textile, glass and ceramic printers offer optimum performance across a wide range of ink type and mesh count combinations.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

SAATICHEM EMULSION

GRAFIC HU

OUR MOST VERSATILE EMULSION

- Blue dual-cure emulsion
- Resistant to UV-cured, plastisol, solvent-based and water-based inks
- Controlled particle size results in excellent print definition on any mesh
- Upon drying, lacks the tackiness typical of dual-cure emulsion
- Grafic HU red is also available

GRAFIC HS

OUR MOST AFFORDABLE DUAL-CURE

- Red, blue, violet or clear Dual-Cure emulsion
- Resistant to UV-cured, plastisol and solvent-based ink

GRAFIC EMULSIONS ARE AVAILABLE IN 1-QUART, 1-GALLON, 5-GALLON AND 50-GALLON CONTAINERS.

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

TEXTIL PHW

THE HIGH-DENSITY EMULSION

- Red pure photopolymer emulsion designed for high-density garment printing applications
- Produces ultra thick stencils with 50% solids and high viscosity
- Requires no mixing
- Exposes approximately eight-times faster than diazo or dual-cure emulsion
- Resistant to plastisol and water-based inks, abrasion and high humidity.

TEXTIL EMULSIONS ARE AVAILABLE IN 1-QUART,1-GALLON, 5-GALLON AND 50-GALLON CONTAINERS.

Saatigraf cts

FASTEST COMPUTER TO SCREEN EMULSION FOR GRAPHIC APPLICATION

- Red Pure Photopolymer emulsion
- Requires no mixing
- Approximately 20 times faster than dual-cures
- Excellent resistance to solvent- based and UV-cured inks.
- Water resistant when post-exposed

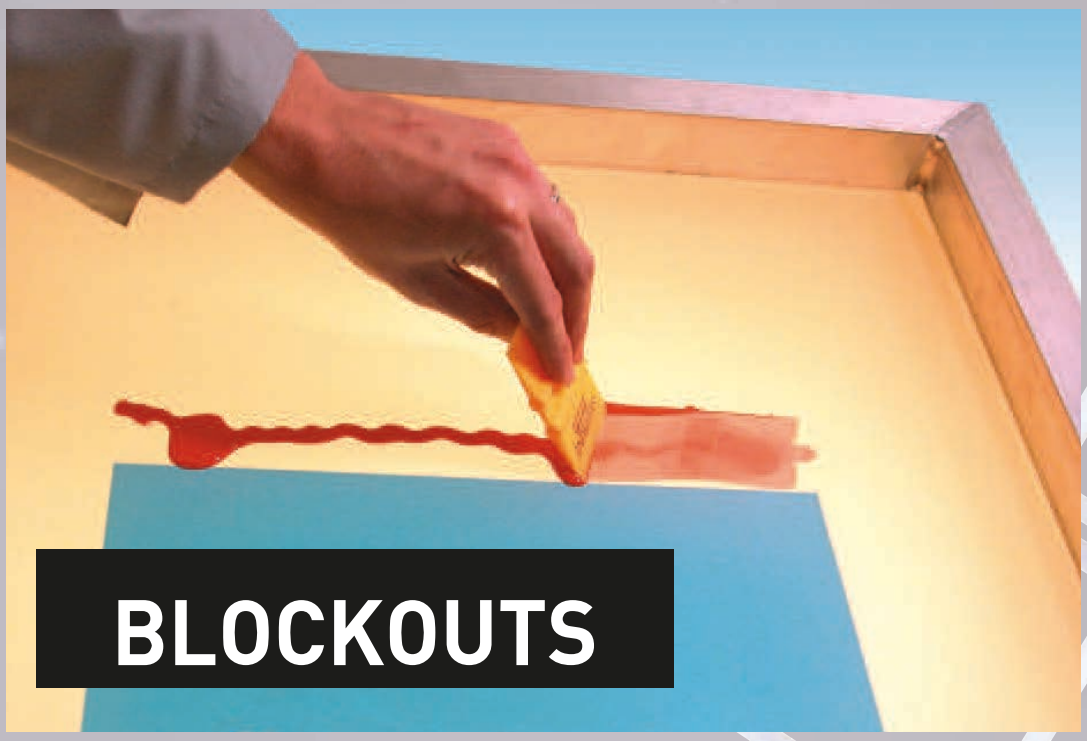
SAATITEX CTS

COMPUTER TO SCREEN EMULSION FOR GARMENT, TEXTILE AND FLAG PRINTING

- Violet Pure Photopolymer
- Extremely fast exposure approximately 30 times faster than dual-cures or diazo
- Extra resistant to water-based and discharge inks when post-exposed

CTS EMULSIONS ARE AVAILABLE IN 1-QUART, 1-GALLON, 5-GALLON AND 50-GALLON CONTAINERS.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com



BLOCKOUTS

SaatiChem Finish 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 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

OUR MOST POPULAR AND ECONOMICAL BLOCKOUT

- Red, water-based liquid blockout
- For use with solvent-based, UV-cured, and plastisol ink
- Remove with water

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, and plastisol ink
- Remove with water

FINISH W1

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, UV-cured and solvent-based ink
- Very high solids content offers increased durability
- Can be removed with emulsion reclaiming chemicals and a pressure washer

FINISH BLOCKOUTS ARE AVAILABLE IN 1-QUART, 1-GALLON, 5-GALLON AND 50-GALLON CONTAINERS.

PRODUCT	COLOR	VISCOSITY	SOLVENT RESISTANCE	WATER RESISTANCE	CATALYST RATIO
Finish S1	Red	Medium	•		None
Finish S2	Blue	Medium	•		None
Finish W1	Blue	Medium	•	•	None

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

MESH PRE-TREATMENTS & DEGREASERS

SaatiChem Direct Prep™ mesh pretreatments are specially designed to clean and prepare your screen mesh surface. They improve film lamination and the coating and bonding of direct photoemulsions, resulting in optimum stencil performance and durability. Direct Prep 1, 2 and 3 go a step beyond conventional degreasers and actually treat the fabric surface with a wetting agent —making the screen more "wet-able" than an untreated, or simply degreased screen. Screens treated with Direct Prep 1, 2, or 3 can hold an unbroken sheet of water on their surface when rinsing,for completely uniform stencil adhesion. Direct Prep products are convenient to use. They can be used on any mesh count. They do not settle or separate and are non-hazardous and biodegradable.

DIRECT PREP 1

READY-TO-USE, ONE-STEP MESH ABRADER, WETTING AGENT AND DEGREASER

- Lightly abrades, degreases and prepares new monofilament synthetic fabric
- Does not clog mesh openings• Dyed color ensures complete rinse from mesh
- Apply with a nylon or polyester brush

AVAILABLE IN 1-QUART, 1-GALLON, 5-GALLON AND 50-GALLON CONTAINERS.

DIRECT PREP 2

FOR EACH SCREEN RECYCLING. READY-TO-USE WETTING AGENT AND DEGREASER.

- After initial fabric roughening, use with each reuse of synthetic monofilament mesh
- Use to prepare new multifilament and stainless steel mesh
- Dyed color ensures complete rinse from mesh
- Highly recommended for use with direct photopolymer emulsions• Apply with a nylon or polyester brush

AVAILABLE IN 1-QUART, 1-GALLON, 5-GALLON AND 50-GALLON CONTAINERS.

DIRECT PREP 3

CONCENTRATED LIQUID VERSION OF DIRECT PREP 2

- All the benefits of Direct Prep 2 in a concentrated form
- Excellent for spray applications
- Mix one part Direct Prep 3 with ten parts water

AVAILABLE IN 5-GALLON CONTAINERS. (MAKES 50 GALLONS.)

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

SAATI CHEMICALS RECLAIM CHEMISTRY

Saatichem offers a complete package of reclaiming products. High performance products 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.

INK REMOVER IR2

THE MOST VERSATILE SCREEN WASH/INK DEGRADENT

- Works on most inks used in graphics, industrial and electronic printing
- Use in spray or recirculating tank
- Compliant with SCAQMD VOC limits

INK REMOVER IR4

TEXTILE INK DEGRADENT FOR MANUAL CLEANING

- Works well on Plastisol, Nylon and Waterbased inks
- Reduces ink staining
- Can be reapplied to remove ink stains

INK REMOVER IR6

INK DEGRADENT FOR MOST INK SYSTEMS

- Use for manual or automatic cleaning
- Orange scent

INK REMOVER IR11

INK DEGRADENT FOR MOST INK SYSTEMS

- Use for manual or automatic cleaning
- Orange scent

INK REMOVER IR14

LOW ODOR TEXTILE INK DEGRADENT FOR MANUAL CLEANING

- Reduced odor during pressure washing of screens
- Works well on Plastisol, Nylon and Waterbased inks
- Reduced ink staining
- Can be reapplied to remove ink stains

EMULSION REMOVER ER2

CONCENTRATED, EASY-TO-DISSOLVE LIQUID WITH BUILT-IN DEGREASER

- Powerful built-in degreaser cuts through the oily residue left during ink removal to speed stencil breakdown and to aid in mesh degreasing
- Mix 1 part with 25 parts water by weight (1 to 35 by volume)

HAZE REMOVER HR5

FAST-ACTING LIQUID HAZE REMOVER

- Can be used for manual and automatic cleaning

STAIN REMOVER HR6

NON-CAUSTIC STAIN REMOVER

- Easy to apply semi-viscous formulation
- Contains a mild abrasive that accelerates removal of heavy stains
- Will not damage mesh
- Works well on current press run ghosts
- Pink with pleasant cherry scent

STAIN REMOVER HR9

LOW ODOR STAIN REMOVER PASTE

- Powerful, fast-acting gel haze remover breaks down haze in minutes
- One-part, ready to use formula breaks down the toughest stains
- Easy application with stainless steel scoop coater
- Non-drip and works only where applied
- Low odor use with a pressure washer

SAATICHEM REMOVE RECLAIM CHEMICALS ARE AVAILABLE IN QUART, 1-GALLON, 5-GALLON AND 55-GALLON CONTAINERS

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

IT'S A JUNGLE OUT THERE! GET IN THE GREEN ZONE WITH SAATICHEM

SAATI CHEMICALS IS COMMITTED TO PRODUCING ENVIRONMENTALLY FRIENDLY PRODUCTS - WITHOUT GREENWASHING.

We avoid any use of toxic chemicals such as NMP & methylene chloride, HAPS, phthalates and heavy metals, to ensure RoHS compliance.

Our products are biodegradable and drain-safe when used according to instructions published in the Saatichem product Technical Data Sheets.

Renewable ingredients are used whenever possible and high efficiency formulas are designed to minimize waste. Many of our products are offered as concentrates, or in bulk, to minimize post- consumer packaging waste and whenever possible we utilize packaging with a high-recycled content.

Our cleaning and reclaiming chemicals in particular are designed to be operator friendly, VOC-compliant and with minimal impact on the environment. We achieve this through the use of high-efficiency formulas and replacement of 100% solvent-based products with water-based alternatives.

Natural ingredients feature heavily in our formulas. We utilize solvents and surfactants derived from renewable resources including corn, soy, coconut, palm and citrus as alternatives to derivatives of petroleum, a depleting resource.

GREEN PARAMETERS: WHERE DOES SAATI CHEMICALS FIT IN?

We offer

- Non-hazardous/less-hazardous product alternatives
- Products with easy biodegradability & that are drain-safe
- Products made with renewable ingredients
- Low VOC product alternatives
- Concentrates & bulk packaged product to minimize landfill waste
- Products with low use level & waste through high efficiency
- No toxics, NMP, methylene chloride, HAPS, phthalates or heavy metals used in any product

Some Green Product Highlights Include:

DIRECT PREP 2
mesh prep & degreaser made with 100% renewable ingredients.

REMOVE ER2
biodegradable stencil remover concentrate with high efficiency for reduced use level.

REMOVE IR4
water-based ink remover with low organic content.

REMOVE HR5
powerful and fast acting haze remover that is user friendly, easily biodegradable and made with 100% renewable ingredients.

REMOVE HR6
stain remover & degreaser that is non-caustic with a pleasant cherry scent.

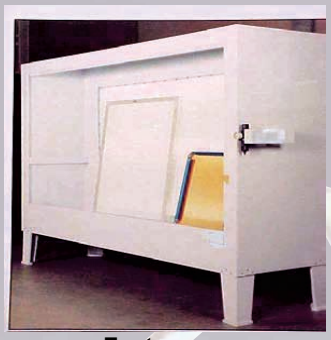
TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

RhinoTech, Inc.

Screen Cleaning Equipment

Washout Booths

All of our systems are designed for safe, convenient, easy access. These booths are available custom or twelve standard sizes, in either Polypropylene or Stainless Steel.

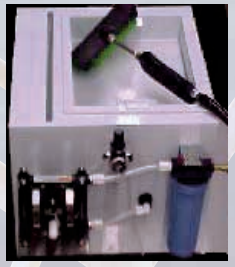


Features

- Anti-splash back design
- Quick drain system
- Drain attachment ready
- Screen holder
- Back light
- Vent ready
- Metal legs for stability
- Recirculation System ready

M10™ Recirculation System

A heavy duty air operated solvent recycling system, available with either a 2 GPM or 4 GPM pump & trigger action brush. Add it to any washout booth.



Polylite™ Washout Booths

This unit is available in two sizes (Standard & Jumbo). It is made out of natural polypropylene material.

Features

- Polypropylene Construction
- Aluminum Legs
- Back Light
- Easy assembly
- 36” or 59” wide
- 30” deep
- 45” or 53” high

Metalite™ Washout Booths

This unit is similar to the Polylite but is constructed out of heavy gauge Stainless Steel, which is available in Two sizes.

EconoWash™ 2 & 4

This solvent washout system features our standard polylite booth and a M10 recirculation system. The recirculation system uses a 2 or 4 GPM air operated pump, has a 6’ hose, a roll of Filtration Media and 17 gallon baffled holding chamber all mounted on a portable base.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

RhinoTech, Inc.

Screen Cleaning Equipment

InkMaster™ 2 / 4 Washout Booth

When used in conjunction with **Rhino**Clean™ Screen Wash, the unit will effectively clean virtually any ink type on the market today. It incorporates a recirculation system for longer solvent life.

Features

- Stainless Steel Construction
- 2 or 4gpm Air Pumps
- Trigger action brush
- M10 filtration system
- 17 Gallon baffled tank
- 42" wide x 48" high x 30" deep

Water Vacuums

Aero 400 & SQ-10

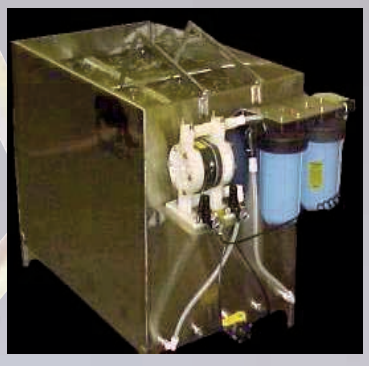
These compact vacuums have a 5 or 10 gallon capacity and comes with our stainless steel suction tool.

Stainless Steel Suction Tool

Available with above units or separately.

RhinoClean™ ERT Soak Tank

The **Rhino**Clean™ Emulsion Soak Tank / Removal Systems are designed for fast, safe and efficient removal of screen printing stencils. The **Rhino**Clean™ System, when used in conjunction with **Rhino**Clean™ Emulsion Remover, will effectively soften all types of emulsions from the screen, once soft remove with high pressure washer.



Features

- Stainless Steel Construction
- Special Screen Holder
- Recirculates the Chemical
- Canister Filtration System
- Agitation Bubbler System
- On / Off Controls
- Top Load Design
- **Cleans 10-25" x 36" Frames**

RhinoDry™ Cabinets

Built for the quick and efficient drying of coated screens. Fresh air is brought in through a filtered intake, then passes through a separate heating chamber that's thermostatically controlled.
Many sizes available.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

RhinoTech, Inc.

Screen Cleaning Equipment

High Pressure Cleaners

RS1500A

This RS1500A features quiet operation with 1450 PSI for textile shops cleaning up to 35 screens per day or graphic shops cleaning 20 screens per day. It has a fully rebuildable three piston pump and motor unit. It comes with a 26' high pressure hose, trigger gun control and our unique fully adjustable nozzle.

RS20005X 220v

This is a heavy duty machine and ideal for a wide variety of screen print shops. It is especially advantageous for printers that utilize up to 100 average size frames per day. This is a quiet unit with a rebuildable piston pump and motor unit. It comes standard with 40' high pressure hose and is protected by a ground fault circuit interrupter for operator safety.

RS1500AX 110v & RS1500X 220v

This series of medium duty machines are ideal when performance and cleaning power are needed. Both models feature thermal relief on pump; adjustable pressure multi-reg tip & a 40' hose. It is protected by a ground fault circuit interrupter for operator safety.

Wall Mount RS1000WM & RS1500WM

The WM series wall mount is ideal for any screen printer where floor space is at a premium. The unit is available in a 1000PSI/110v or 1500PSI/220v version.
It is protected by a ground fault circuit interrupter for operator safety.

Heavy Duty units available contact us for details.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

DOUTHITT

COMPUTER TO SCREEN

Model CTS

- Faster turn around times
- Reduced exposure times
- Exact registration
- Reduced handling
- Reduction in labor cost
- No Film or Film Storage

FASTER PRESS SETUP

Output Device

Imaging Technology:	Solid ink, phase-change ink jet
LPI Halftone capability:	75 lpi
Resolution (dpi):	600 dpi
Network:	Ethernet
Ink Type:	Water dispersible photo resist
Screen to screen registration:	Approx 1/1000 inch
Imaging Speed: (m2/h):	Approx 10 m2/h
RIP manufacturer:	Any 1 bit TIFF output

Model	CTS30	CTS52	Units
Max media	25 x 36	43 x 46	Inch (W x H)
	64 x 91	137 x 117	cm
Max image size	20 x 30	50 x 40	Inch (W x H)
	51 x 76	127 x 117	cm
Size	37 x 59 x 80	37 x 78 x 84	Inch
	94 x 150 x 203	94 x 198 x 213	cm
Crated Weight	800	1200	lbs
Voltage	120/220	120/220	volts
Hz / amp	50-60/15	50-60/15	Hz/amp
Compressed air	required	required	

Highest Resolution

Print head technology with smaller drop size and solid ink technology enables imaging halftone frequencies up to 75 lpi. Sophisticated interlacing patterns assure smooth halftones and color transitions for the most demanding applications. Optimize image quality without compromising on throughput and consumable cost.

The CTS series uses phase change ink jet head technology to provide unequaled print quality and imaging speed in a dependable production system.

Reliability and Service

As Computer-To-Screen eliminates films and becomes an integral part of the digital workflow. The CTS is backed by a crew of trained service personnel providing support. Service is the essence of a long lasting relationship with our customers.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

DOUTHITT Direct Method Screenmaker

With Self-Contained Printing Lamp
Safe–Fast–Easy to Operate

MODEL DMA

NOW STANDARD WITH THE OLEC OLITE AL23 PRINTING LAMP ASSEMBLY AND HF1 EXHAUST SYSTEM!

PRICE INCLUDES:

(1) Complete Olite 2300 Metal Halide Printing Lamp Assembly.

(2) Complete HF1 Exhaust System.

(3) Glass down design. Simply load, close and expose.

(4) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact. The Blanket is secured to structural steel tubing and the blanket frame is raised and lowered by sliding toggle.

(5) Heavy Duty Vacuum Pump and Motor.

(6) Cooling fans to insure against excessive heat build-up.

(7) Heavy Optic clear A-1 Select Glass anchored to structural steel tubing.

(8) Heavy Duty Digital Automatic Reset Timer.

(9) Large convenient front access door.

(10) Bleeder Valve to easily adjust maximum vacuum.

(11) Instrument panel conveniently mounted on side of unit.

(12) All Heavy Gauge Metal Construction.

(13) Unit finished in easy to clean, long wearing Epoxy Enamel.

(14) Vacuum automatically cancels after exposure.

OPTIONAL ACCESSORIES:

(A) Olite AL53 5000 Watt Metal Halide Printing Lamp Assembly instead of standard lamp.

(B) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air).

(C) Douthitt Heavy Duty Model MAGIC 83 Combination Light Integrator and Digital Timer in lieu of Timer. Integrator comes complete with vacuum time delay for one button automation.

Size Inside Blanket Beading	Crating	Floor Space	Approx. Crated Weight
31 x 41	No chg.	40 x 60	600 lbs.
37 x 47	No chg.	46 x 66	700 lbs.
42 x 52	No chg.	51 x 67	800 lbs.
52 x 52	No chg.	61 x 67	975 lbs.
46 x 60	No chg.	55 x 75	1000 lbs.

Electrical Specifications–230 Volt, Single Phase, A.C.

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER

MODEL DMZ

- Reduce Floor Space
- Self Contained Light Source
- Automated Start and Cancel
- Easy Loading Height
- Guaranteed Coverage

Finger Tip Control of Blanket frame is achieved by exclusive, patented spring and fulcrum system that also clamps automatically.

PRICE INCLUDES:

(1) Complete 5000 Watt Metal Halide Printing Lamp Assembly complete with special exhaust system.

(2) Glass down design. Simply load, close, expose.

(3) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.

(4) Douthitt Heavy Duty Model Magic 83 10 channel memory combination light integrator and digital timer.

(5) Completely automatic operation. Vacuum delay and light exposure activated by closing the frame.

(6) Cooling fans to insure against excessive heat build-up.

(7) Heavy duty pump and motor.

(8) Patented "D" Toggle system for effortless raising and lowering of the blanket frame.

(9) Passive positive locking mechanism.

(10) Instrument panel conveniently mounted on side of unit complete with bleeder valve.

(11) Screen holding bar mounted on the glass.

(12) All heavy gauge metal construction.

(13) Large convenient access door on left side of unit.

OPTIONAL ACCESSORIES:

(A) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air).

(B) 8000 Watt Metal Halide Printing Lamp assembly instead of standard lamp

Size Inside Blanket Beading	Crating	Floor Space	Approx. Crated Weight
53 x 66	No chg.	65 x 82	1425 lbs.
66 x 74	No chg.	79 x 92	1700 lbs.
68 x 80	No chg.	82 x 96	1900 lbs.
68 x 89	No chg.	82 x 105	2200 lbs.

Electrical Specifications–220 Volt, Single Phase
Custom sizes available!

TO PLACE AN ORDER OR MORE INFORMATION CALL (800) 352-5566 OR EMAIL: Info@GraphicScreenFashion.com

TROUBLESHOOTING GUIDE: ENGLISH

Problem	Type of Stencil	Solution
WASHOUT BREAKDOWN (LOSS OF ADHESION DURING DEVELOPING)		
Contaminated mesh	ALL	Use Chroma/Brade to abrade new mesh, especially when using film. Degrease properly with Chroma/Clean™ degreaser.
Inadequate or inconsistent exposure	ALL	Use Chromaline Exposure Calculator to determine proper exposure time and light source performance
Excessive water pressure and/or washing	ALL	Decrease water pressure and/or time of washout.
Water temperature range too hot	ALL	90° to 100° F (32° to 38° C) optimum water temperature.
Improper adhesion of capillary film	CAPILLARY FILM	Use Chroma/Brade™ to abrade new mesh. Degrease properly with Chroma/Clean™. Use wetting agent, such as Chroma/Wet™.
Transfer emulsion has inadequately sensitized film	DIRECT/INDIRECT	After coating with transfer emulsion, allow about 10 minutes to elapse (dwell time) before placing sensitized film screen into dryer or in front of a fan.
Screen not dry enough for exposure	ALL	Follow drying directions. Dehumidifier recommended in drying area
Pre-exposed or outdated film or emulsion	ALL	Use yellow or subdued lighting in screen making area; dry screen in total darkness. Check lot number on packaging
Poor coating methods	EMULSION DIRECT/INDIRECT	Check user's guide for coating instructions. Use proper scoop coater
SCUMMING OR HAZE		
Incomplete washout and/or under exposure	ALL	Increase exposure and/or washout until foaming stops. Use a wet vac to suck out the water and scum (a major common problem).
Excess moisture in screen making area	ALL	Use dehumidifier to maintain 50 to 70 percent relative humidity.
Poor positive and contact	ALL	Check quality of positive. Check vacuum frame for complete contact in all areas of screen.
Pre-exposure of film or emulsion	ALL	Use yellow or subdued lighting in screen making area; dry screen in total darkness.
Light scatter	ALL	Use dyed or tinted fabric or reduce exposure.
WEAK STENCIL		
Underexposure	ALL	Increase exposure time. **Use Chromaline Exposure Calculator to determine proper exposure time. The most common cause of stencil failure and light source performance. Feel squeegee side of stencil during washout. If it feels slimy or you get color on your fingers, screen is underexposed.
Film too thin for mesh count	DIRECT/INDIRECT CAPILLARY FILM	Check user's guide for proper film thickness.
Emulsion coating too thin	EMULSION	Apply additional coats on print side after initial drying; or use higher solids emulsion.
Screen not fully dry during exposure	ALL	Follow drying instructions. Dehumidifier recommended in drying area.
Baggy mesh	ALL	Use tension recommended by mesh manufacturer.
Stencil too thin for mesh	ALL	Check user's guide for film/emulsion recommended for mesh count.

***Always use fresh emulsion and film. Check the lot number and date of manufacturing.*

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Problem	Type of Stencil	Solution
WASHOUT DIFFICULT (DURING DEVELOPING)		
Overexposure	ALL	Shorten exposure; run an exposure test.
Excessive heat used in drying screen	ALL	Do not exceed 110°F (43°C). Chromaline recommends 85° to 95°F (30° to 35°C). A dehumidified drying cabinet is best.
Pre-exposed or outdated film or emulsion	ALL	Use yellow or subdued lighting in screen making area; dry screen in total darkness. Do not use outdated material.
Poor positive	ALL	Check density or image quality; emulsion of positive should be in contact with stencil emulsion.
POOR IMAGE (SAWTOOTH)		
Incorrect exposure	ALL	Use Chromaline Exposure Calculator to determine proper exposure time and light source performance.
Inconsistent light exposure	ALL	Use point light source with light integrator for best results. Check bulb age.
Stencil too thin	ALL	Film Users: use thicker film. Emulsion Users: use more coats or thicker emulsion on the print side.
Incorrect drying of emulsion	EMULSION	When drying, place coated screen in horizontal position, print side down.
Undercutting	ALL	Use dyed or tinted fabrics. Decrease exposure time.
Poor positive to screen contact	ALL	Check vacuum frame for complete contact in all areas of screen.
PINHOLES		
Dust and shop dirt	ALL	Shop cleanliness. Clean artwork, film and vacuum frame glass prior to use. An anti-static brush or cloth is recommended.
Underexposure	ALL	Use Chromaline Exposure Calculator to determine proper exposure time and light source performance. Feel squeegee side of stencil during wash out. If it feels slimy or you get color on your fingers, screen is underexposed.
Dirt or grease on mesh	ALL	Degrease mesh properly, using Chroma/Clean™ degreaser.
Air bubbles in emulsion	EMULSION DIRECT/INDIRECT	Allow emulsion to settle a minimum of two hours after sensitizing; allow additional settling time if emulsion is re-blended.
Poor positive	ALL	Check photopositive for image quality and cleanliness.
Film too thin for mesh	CAPILLARY FILM	Check user's guide for correct film thickness and mesh selection.
Emulsion coating too thin	EMULSION	Apply additional coats on print side after drying; or use higher solids emulsion.
Powdered sensitizer	EMULSION	Be sure powder is completely dissolved before mixing with emulsion.
UNDERCUTTING		
Poor contact of positive to screen	ALL	Check vacuum frame for complete contact in all areas of screen.
Improper exposure	ALL	Use Chromaline Exposure Calculator to determine proper exposure time and light source performance.
Inconsistent exposure to light	ALL	Use point light source with light integrator for most uniform exposure.
Light scatter within mesh	ALL	Use dyed or tinted fabrics. Increase exposure time 25 - 100 percent.
Placement of positive	ALL	Emulsion of positive should be in contact with print side of screen.