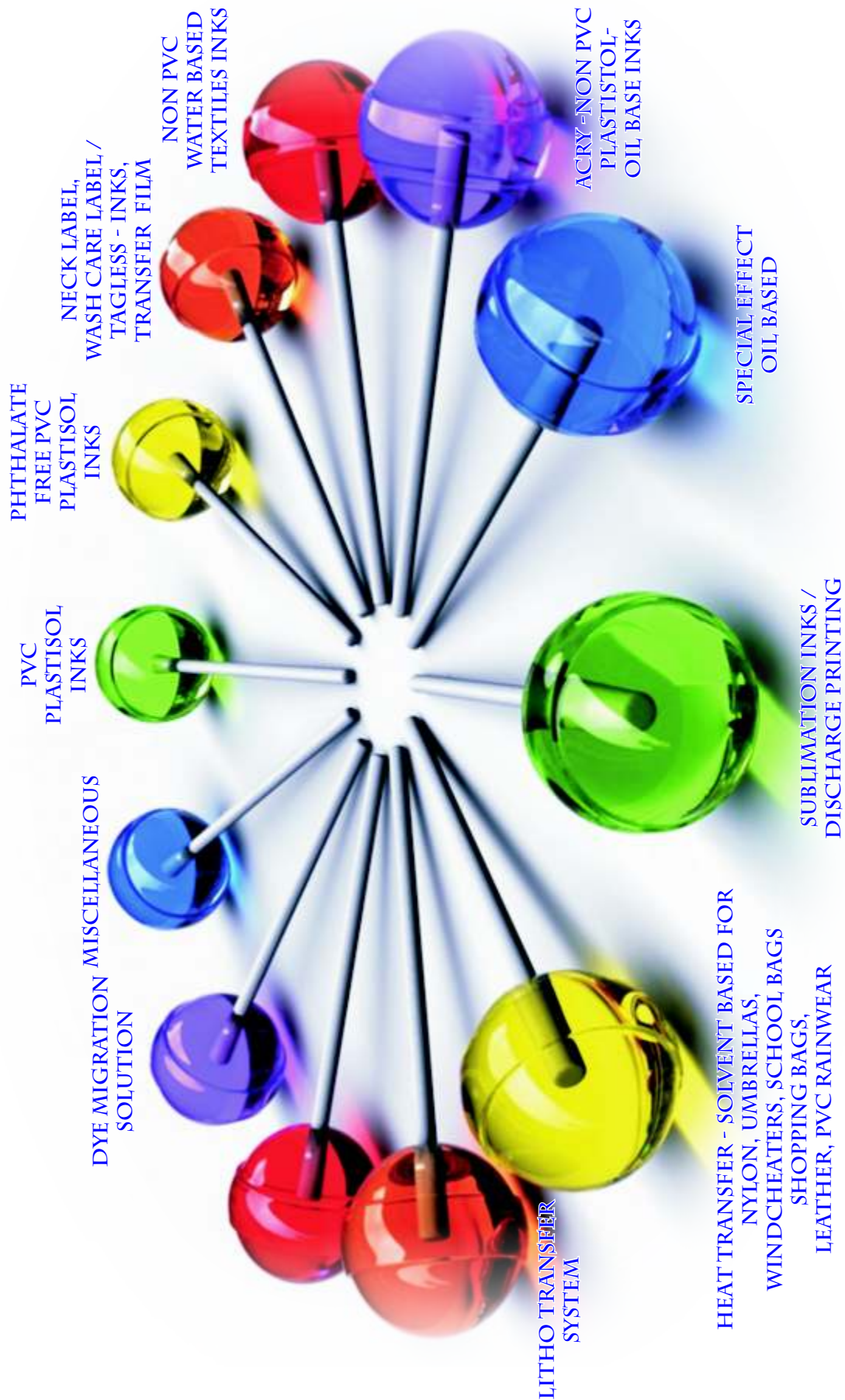
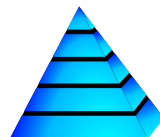




# PRINT DYNAMIC

GARMENT / TEXTILES DECORATION PRODUCTS







## ABOUT US

"Discovery consists of seeing what everybody has seen and thinking what nobody has thought.

### Albert von Szent - Gyorgy

Dr. Linus Pauling once said that the best way to have a good idea is to have a lot of ideas. At print Dynamic, we are constantly coming up with new concepts, thinking up different ways to shape the future of inks and further extend the scope of its applications. Customised creations are our forte and it is the Energy of the challenge that drives us.

This unique approach, constant emphasis on innovation and contribution to the printing ink industry was recently acknowledge at the national level by the Limca Book of Records. Akil Contractor, founder and chief innovator of Print Dynamic was honoured in the 2008 edition for the 'Most Printing Ink Formulations.'

The company has also been awarded several other prizes at the Asia Pacific and Global level .



## Origins

"Once we rid ourselves of traditional thinking, we can get on with creating the future."

- James Bertrand



While Print Dynamic was formally launched in the year 2002, its genesis stretches back to year 1981, when Akil Contractor, a young commerce graduate with no technical education or experience whatsoever. decided to take part in his family business - Rainbow Ink and Varnish Mfg Co.

After spending twenty years, gaining valuable experience in each and every aspect of the business, from marketing to human resources, materials management to accounting and financial planning top materials procurement, he has thoroughly immersed himself in the world of inks, colours and coatings.

At this stage, anyone else would probably have been content to just take the well - established family business forward and enjoy the secure environment it provided. However, Akil Contractor has a vision of his own. The entrepreneurial fire burned brightly within him and the goal of being a super speciality inks provider, to be something exceptional, in a class of his own, beckoned from a distance.

The new millennium arrived and it was indication that the time was right for starting something completely original, right from scratch. In 2002 the concept of Print Dynamic, which has gradually evolved over twenty years, finally took shape. Akil Contractor has taken the first steps towards achieving his goal.



## **Evolution**

Carving a niche for itself over the last eight years through his intensive research, Print Dynamic has developed specialised inks for textile and others applications. Akil Contractor also made a mark in ALL KINDS OF HEAT Transfers SYSTEMS FOR GARMENT DECORATION and initiated the formulation of VARIED COLOR CHANGE TECHNOLOGY INKS AND COATINGS.

During this period, Akil Contractor faced several unique challenges. Chief among these was educating customers about its own capabilities in terms of meeting and surpassing existing quality standards.

Changing the traditional mind set and preconceived notions about 'Made in India' products was initially an uphill task. Since Print Dynamic's products are formulated by him alone, instead of the typical industry approach of working with a team of chemists, convincing customers about their quality took time.

However, with the spot - on, customised creations that are on par with global standards, formulated through hours of sheer effort and unfettered creativity, it was only a matter of time before Print Dynamic products gained the universal acceptance as they do today.

## **USP**

**The Ability to innovate and produce new products and the process of training ideas into man u fact u reable and marketable form.**

**The unique feature of offering all ink systems for garments decoration with eco compliance.**

The ability to innovate and come up with new products ; to provide highly specialised products as per client specifications with a rapid turnaround capability'

In the words of William pollard, learning and innovation go hand. The arrogance of success is to think that what you did yesterday will be sufficient for tomorrow. At print Dynamic, we celebrate successes by coming up with regular innovations.

## **Pedigree**

Print Dyanamic is a member of several industry associations and plays a key role in promoting industry best practices and quality standards.

(Member - SGIA, SGAI, ASGA, Society of Dyers and Colourists, UK, AIPM A, COLOR SOCIETY MUMB AI)





**SECURITY PRINTING INKS**  
**PRINT DYNAMIC**  
**THE FUTURE OF INKS**

**INK CODE**

**COLOR**

DPOP-101	PLASTISOL LEMON YELLOW
DPOP-102	PLASTISOL LIGHT GOLD
DPOP-103	PLASTISOL ORANGE
DPOP-104	PLASTISOL BRIGHT RED
DPOP-105	PLASTISOL LIGHT BLUE
DPOP-106	PLASTISOL BRIGHT BLUE
DPOP-107	PLASTISOL DALLAS GREEN
DPOP-108	PLASTISOL DRAKE RED
DPOP-109	PLASTISOL FUSCHIA
DPOP-110	PLASTISOL SUPER TURQUOISE
DPOP-111	PLASTISOL DARK RED
DPOP-112	PLASTISOL SUPER PURPLE



**PLASTISOL HIGH OPAQUE SHADES  
FOR TRANSFER PRINTING AND OPACITY ON DARKS**

**INK CODE**

**COLOR**

TX-305	TRANS BRIGHT BLUE
TX-306	TRANS BRIGHT GREEN
TX-307	TRANS BRIGHT RED
TX-308	TRANS GOLD

TX-309	TRANS LIGHT BLUE
TX-310	TRANS LIGHT GOLD
TX-311	TRANS ORANGE
TX-312	TRANS VIOLET
TX-313	TRANS SUPER RED
TX-314	TRANS SUPER LEMON
TX-315	TRANS FUSCHIA

**PLASTISOL PROCESS COLORS FOR DIRECT AND  
TRANSFER AND TRANSFER PRINTING -COLD PEEL**

**INK CODE**

**COLOR**

CPPY	PLASTISOL PROCESS YELLOW
CPPC	PLASTISOL PROCESS CYAN
CPPM	PLASTISOL PROCESS MAGENTA
CPPB	PLASTISOL PROCESS BLACK
CPPR	PLASTISOL PROCESS RED
PXTB	PLASTISOL EXTENDER BASE

**FLUORESCENT PLASTISOLS**

FLUORESCENT LEMON  
FLUORESCENT GOLDEN  
FLUORESCENT GREEN  
FLUORESCENT TURQUOISE  
FLUORESCENT ROYAL BLUE  
FLUORESCENT RED  
FLUORESCENT PINK  
FLUORESCENT MAGENTA  
FLUORESCENT PURPLE  
FLUORESCENT VIOLET  
FLUORESCENT ORANGE



**WHITE PLASTISOLS FOR DIRECT PRINTING  
FOR COTTON, POLYCOTTON, POLYESTER**

ECO WHITE  
D. WHITE  
EXTRA WHITE  
VICTORY WHITE  
BRIGHT .T. WHITE  
LOW BLEED WHITE - LBEP WHITE

**HI FIDELITY SERIES  
COLD PEEL TRANSFERS MIXING SYSTEM  
PLASTISOL COLORS**

HIGH FIDELITY VIOLET	HF-PD-1440
HIGH FIDELITY BLUE (RS)	HF-PD-1450
HIGH FIDELITY BLUE (GS)	HF-PD-1470
HIGH FIDELITY MARINE	HF-PD-1490
HIGH FIDELITY GREEN	HF-PD-1510
HIGH FIDELITY YELLOW	HF-PD-1720
HIGH FIDELITY WARM RED	HF-PD-1550
HIGH FIDELITY SCARLET	HF-PD-1570
HIGH FIDELITY RED	HF-PD-1590
HIGH FIDELITY BLACK	HF-PD-1420
HIGH FIDELITY MIXING WHITE	HF-PD-1440
HIGH FIDELITY STANDALONE WHITE	HF-FM-636
HIGH FIDELITY FLUO VIOLET	HF-FV-637
HIGH FIDELITY FLUO BLUE	HF-FB-638
HIGH FIDELITY FLUO GREEN	HF-FG-639
HIGH FIDELITY FLUO YELLOW	HF-FY-640
HIGH FIDELITY FLUO LEMON	HF-FL-641
HIGH FIDELITY FLUO ORANGE	HF-FO-642
HIGH FIDELITY FLUO PINK	HF-FP-643
HIGH FIDELITY FLUO RED	HF-FR-644
HIGH FIDELITY EXTENDER BASE CLEAR	HF-PD-1610



## **PVC PLASTISOL INKS**

### **PLASTISOL INK -ECONOMY PRINTING ECO SERIES PLASTISOL INKS**

<b>INK CODE</b>	<b>COLORS</b>
ECo-501	EXTRA WHITE (UNTONED)
ECo-502	WHITE (TONED)
ECo-503	BLACK
ECo-504	LEMON
ECo-505	LIGHT GOLD
ECo-506	GOLDEN YELLOW
ECo-507	BRIGHT RED
ECo-508	DARK RED
ECo-509	SCARLET
ECo-510	WARM RED
ECo-511	BLOOD RED
ECo-512	ORANGE
ECo-513	DEEP ORANGE
ECo-514	LIGHT BLUE
ECo-515	T.BLUE
ECo-516	FIROZI
ECo-517	ROYAL BLUE
ECo-518	NAVY
ECo-519	BEARS NAVY
ECo-520	JADE BLUE
ECo-521	KELLY GREEN (DARK)
ECo-522	PARROT GREEN
ECo-523	DALLAS GREEN
ECo-524	OFF -WHITE
ECo-525	FAWN
ECo-526	KHAKHI
ECo-527	MEHNDI
ECo-528	FLESH
ECo-529	RHODAMINE
ECo-530	PURPLE
ECo-531	LIGHT VIOLET
ECo-532	LIGHT BROWN
ECo-533	DARK BROWN
ECo-534	LIGHT GREY
ECo-535	SILVER GRAY
ECo-536	METTALIC SILVER
ECo-537	CONTACT BLUE
ECo-538	MAGENTA
ECo-539	FUSCHIA

### **PLASTISOL STANDARD SERIES FOR COTTON, HOSIERY, NOT FOR DYE MIGRATING FABRICS FOR DIRECT PRINTING ON LIGHT GOUND BASE FABRICS**

<b>INK CODE</b>	<b>COLORS</b>
PD200	LEMON
PD202	GOLDEN
PD203	ORANGE
PD204	SCARLET
PD205	BRIGHT RED
PD206	WARM RED
PD207	CARDINAL RED
PD208	RUBINE RED
PD209	OLD GOLD KHAKHI
PD210	DALLAS GREEN
PD211	BRIGHT BLUE
PD212	LIGHT ROYAL
PD213	ARORA BLUE
PD214	VICTORY WHITE
PD215	NAVY BLUE
PD216	VICTORY WHITE
PD217	ROYAL BLUE
PD218	BUFF -OFF- WHITE
PD219	VIOLET
PD220	KELLY GREEN
PD221	TURQUOISE
PD223	JET BLACK
PD224	MAGENTA
PD225	BLACK
PD226	SUPER PURPLE
PD227	DARK BROWN
PD228	FLAG RED
PD229	T.BLUE
PD230	BEARS NAVY
PD231	MIXING GREEN
PD232	FAWN
PD233	FLAG BLUE
PD234	LIGHT BROWN
PD235	PINK
PD236	RHODAMINE
PD237	EXTRA LIGHT BROWN-27050
PD238	PARROT GREEN
PD239	MEHNDI
PD240	CONTACT BLUE
PD241	MAROON

### **SPECIAL PLASTISOL COLORS FOR DIRECT PRINTING ON DARKS**



## PVC PLASTISOL INKS

### Plastisol base with Pigment concentrates

#### **PC JET BLACK**

Pc extra white  
 Pc blue  
 Pc bright blue  
 Pc lemon  
 Pc blaze gold (golden)  
 Pc green  
 Pc red  
 Pc magenta  
 Pc light orange  
 Pc bright orange  
 Pc violet  
 Pc ultra blue  
 Pc purple  
 Pc maroon  
 Pc fluo pink  
 Pc fluo magenta  
 Pc fluo green  
 Pc fluo yellow  
 Pc fluo orange  
 Pc horizon blue

#### PLASTISOL STRETCH ADDITIVE

PLASTISOL LOW CURE FAST FLASH ADDITIVE  
 PLASTISOL LOW BLEED GEL ADDITIVE  
 PLASTISOL GLOSS PROMOTER ADDITIVE  
 PLASTISOL DULLING PASTE

#### PLASTISOL CLEAR GEL - D-GEL

PLASTISOL CLEAR BEAD GEL  
 PLASTISOL FOIL GEL - O-GEL  
 PLASTISOL DIRECT FLOCK GEL

### SOFT PVC SYSTEM- INJECTION MOULDING

#### TRANSPARENT CLEAR EMULSION

COLOR MIXING CONCENTRATES FOR NORMAL COLORS  
 COLOR MIXING CONCENTRATES FOR SPECIAL EFFECTS LIKE  
 GLOW IN DARK, PHOTOCHROMIC, ETC

MIXING BASES AND ADDITIVES	CODE
PLASTISOL CLEAR BASE	
PLASTISOL OPAQUE BASE	
PLASTISOL HIGH STRETCH BASE	
PLASTISOL EXTRA SOFT BASE	
PLASTISOL FILLED BASE (CLEAR)	
PLASTISOL GLITTER BASE	
PLASTISOL JELLY PRINT CLEAR	
PLASTISOL HIGH DENSITY CLEAR	
PLASTISOL PUFF BASE	
PLASTISOL STRETCH PUFF BASE	
PLASTISOL RUBBER FEEL BASE	
PLASTISOL STONE PRINT BASE	
PLASTISOL HIGH DENSITY LIGHT WEIGHT BASE	
HIGH DENSITY SPONGE EFFECT BASE	
PLASTISOL PUFF ADDITIVE	
PLASTISOL LEATHER EFFECT ADDITIVE	
PLASTISOL CLEAR REDUCER	
PLASTISOL CURABLE REDUCER	
PLASTISOL SOFT REDUCER - FOR TACK REDUCTION	
PLASTISOL VISCOSITY BUSTER	
PLASTISOL SUEDE ADDITIVE	







## **PHTHALATE FREE PVC PLASTISOL INKS**

### **DIRECT PRINTING PLASTISOLS - PHTHALATE FREE** **PVC PLASTISOL -PHTHALATE FREE INK SERIES**

	COLORS
PF-101	EXTRA WHITE (UNTONE D)
PF-102	WHITE (TONE D)
PF-103	BLACK
PF-104	LEMON
PF-105	LIGHT GOLD
PF-106	GOLDEN YELLOW
PF-107	BRIGHT RED
PF-108	DARK RED
PF-109	SCARLET
PF-110	WARM RED
PF-111	BLOOD RED
PF-112	ORANGE
PF-113	DEEP ORANGE
PF-114	LIGHT BLUE
PF-115	T.BLUE
PF-116	FIROZI
PF-117	ROYAL BLUE
PF-118	NAVY
PF-119	BEARS NAVY
PF-120	JADE BLUE
PF-121	KELLY GREEN (DARK)
PF-122	PARROT GREEN
PF-123	DALLAS GREEN
PF-124	OFF -WHITE
PF-125	FAWN
PF-126	KHAKHI
PF-127	MEHNDI
PF-128	FLESH
PF-129	RHODAMINE
PF-130	PURPLE
PF-131	LIGHT VIOLET
PF-132	LIGHT BROWN
PF-133	DARK BROWN
PF-134	LIGHT GREY
PF-135	SILVER GRAY
PF-136	METTALIC SILVER
PF-137	CONTACT BLUE
PF-138	MAGENTA
PF-139	FUSCHIA





**SECURITY PRINTING INKS**

**PRINT DYNAMIC**

**THE FUTURE OF INKS**

PHthalate FREE CLEAR REDUCER  
PHthalate FREE CURABLE REDUCER  
PHthalate FREE HIGH DENSITY CLEAR  
PHthalate FREE HIGH DENSITY ADDITIVE  
PHthalate FREE HIGH DULLING PASTE  
PHthalate FREE PUFF BASE  
PHthalate FREE STRETCH ADDITIVE  
PHthalate FREE SOFT BASE  
PHthalate FREE HIGH DENSITY BASE  
PHthalate FREE HI-SHINE GEL



## **Pigment concentrates- PHTHALATE FREE FOR PVC PLASTISOL MIXING**

PFPC JET BLACK  
PFPC EXTRA WHITE  
PFPC BLUE  
PFPC BRIGHT BLUE  
PFPC LEMON  
PFPC BLAZE GOLD(GOLDEN)  
PFPC GREEN  
PFPC RED  
PFPC MAGENTA  
PFPC LIGHT ORANGE  
PFPC VIOLET  
PFPC ULTRA BLUE  
PFPC PURPLE  
PFPC MAROON  
PFPC FLUO PINK  
PFPC FLUO MAGENTA  
PFPC FLUO GREEN  
PFPC FLUO YELLOW  
PFPC FLUO ORANGE  
PFPC HORIZON BLUE



## **PHTHALATE FREE FOR PVC PLASTISOL FOR TRANSFER PRINTING**

PHthalate FREE BACK UP WHITE  
PHthalate FREE LITHO WHITE  
PHthalate FREE HOT MELT WHITE  
PHthalate FREE PRINTABLE ADHESIVE

SCREEN TRANSFER  
OFFSET TRANSFER  
OFFSET TRANSFER  
OFFSET TRANSFER  
SCREEN/ OFFSET TRANSFER

## **TRANSFER POWDERS -PVC FREE /PHTHALATE FREE**

HM-35 FINE GRADE  
  
HM-29 MEDIUM GRADE  
  
HM-65 LOW TEMP GRADE

HM-80 - FINE GRADE

FOR COTTON, POLY-COTTON  
FOR 40 DEG C WASHING CYCLE  
FOR COTTON, POLYCOTTON,  
FLOCKING, FOILING -FOR 40  
DEG C WASHING CYCLE  
FOR TRANSFER AT LOW  
TEMPERATURE ON NYLON AND  
SIMILAR SYNTHETIC GARMENTS,  
WATER REPELLANT FABRICS,  
HEAT SENSITIVE FABRICS - NOT  
FOR DURABLE WASHING  
APPLICATIONS.  
FOR 100% POLYESTER FABRICS  
FOR 60 DEG C WASHING CYCLE



## **TAGLESS LABELS - HEAT TRANSFERS**



**SECURE your  
GARMENT EXPORT  
orders - NECK LABELS**

**Tagless Labels Heat Transfer Systems**  
**Types Of Heat Transfer For Garments**

Type Or Tagless Label	Ink System	Specific Products To Be Used
Regular Heat Transfer, PVC Based, Pthalate Based, Also Available In Free From Phthalates, Azo/lead And Other Heavy Metal, Apeo/pcp Banned Amines	PVC Plastisol Oil Based	Coated Ready Transfer Film, Solvent Release Base 520/90 Hot Peel, Solvent Release Base 520/cs Cold Peel, Waterbase Release Coat Wrc-02, PVC Plastisol Colors For Design, PVC Plastisol Back Up White For Darks, PVC Plastisol Printable Adhesive -regular Fabrics, PVC Plastisol. Thermostretch Clear For Stretch Fabrics, Hot Melt Powder scattering Grade -hm60/hm29
Premium Heat Transfer, PVC Free, phthalate Free	Acry Platisols Oil Based	Coated Ready Transfer Film, Uncoated Film, Solvent Release Base 520/950 Hot Peel, Solvent Release Base 20/cs Cold Peel, Waterbase Release Coat Wrc -021, Acry Series Color Inks, AcryBack Up White Acry Transfer Adhesive, Hot Melt Powder -scattering Grade Hm60/hm29
Stretch Heat Transfer, Solvent Based PVC Free, Phthalate Free	Nylobond /solvent Based Regular, Hi Stretch ink Series, Solvent Based	Ready Coated Transfer Film, Uncoated Film, Waterbased Release Coat Wrc -021 Nylobond Elastic First Clear (resistance Coat)- Optional Nb- 203, Nylobond Colors, Nylobond Backup White -for Darks, Nylobond Nb-201 Adhesive, Nylobond Nb-202 Stretch Adhesive, Hot Melt Powder Hm-35, Hot Melt Powder Hm-29, Catalyst -isocure 70, Hi Stretch Series White/colors Backup, H.s.stretch Clear -h.s-203
Extra Stretch Transfer  Solvent Based PVC/phthalate Free	Solvent Technology With Powder For Extra Stretch Also Nylobond Stretch High Stretch Ink Series For Highly Extensible Transfers Solvent Based\	Nylobond System With, Elastic First Clear -h.s-203, All With Catalyst, Back Up Stretch Adheve Of Nylobond, Hot Melt Powders
Industrial Garments Transfers Solvent Based PVC /phthalate Free	Solvent Based Tech/sandwich/ Elastoclear Catalyst	Catalyst In All The Nylobond Products Used
Aqua stretch Heat Transfer Waterbased PVC /phthalate Free	100% Waterbased	Uncoated Film, Matt Release Coat Solvent Based -no 2, Elasto Stretch Clear (PVC Free), PVC Free Transfer Colors, PVC Free Back Up White, PVC Fre Printable Adhesive. Hot Melt Powder
Halo Free Heat Transfer	PVC Platisols Phthalate Based and Phthalate Free	Our Unibond Ink System, Single Pack Transfer Ink, Low Temperature, Best Results From Low Grammage Cold Peel Papers, No Backup Adhesives, Print Ink, Scatter Powder For Highly Uneven Fabrics



## **NON PVC WATERBASED TEXTILE INKS**

### **NON PVC WATERBASED TEXTILE INKS FOR GARMENT DECORATION**

**PLEASE CONFIRM FOR PHTHALATE FREE REQUIREMENTS**

#### **DIRECT PRINTING WATERBASED TEXTILE INKS**

**PRIDOZOL METTALIC BINDER- FOR TABLE PRINTING WITH GLITTER, METTALIC, SPARKLES ETC**

**PRIDOZOL GLASS BEAD BINDER- FOR TABLE PRINTING AND FIXING GLASS BEADS**

**PRIDOZOL FOIL ADHESIVE (K)- FOR TABLE PRINTING TO FIX FOILS ON NATURAL FIBRES**

**PRIDOZOL FOIL ADHESIVE (KR)- HIGH PERFORMANCE TABLE PRINTING FOILADHESIVE EVEN FOR SYNTHETICS**

**PRIDOZOL FOAM BASE- TABLE PRINTING PUFF BASE**

**PRIDOZOL FLOCK BASE (DIRECT) - TABLE PRINTING FLOCK GEL FOR DIRECT FLOCKING APPLICATION**

**PRIDOZOL BURN OUT BASE-----FOR BRASSO RESULT ON COTTON /SYNTHETIC BLENDS**

**PRIDOZOL CRACK EFFECT WHITE- TABLE PRINT CRACK EFFECT BASE - CRACK PATTERNS DEVELOP ON CURING**

**PRIDOZOL CRACK EFFECT CLEAR- TABLE PRINT CRACK EFFECT CLEAR TO MAKE CRACK EFFECT COLORS WITH  
PIGMENT EMULSIONS**

**PRIDOZOL AUTO KRAK WHITE BASE - CRACK EFFECT WHITE WHICH HAS TO BE MANUALLY CRACKED**

**PRIDOZOL ANTI-FOIL STRETCH KHADI-TABLE PRINT KHADI WHICH DOES NOT ALLOW TRANSFER FOILS TO ADHERE TO**

**PRIDOZOL BRITTLE BASE -SPECIAL EFFECT TABLE PRINT BASE**

**PRIDOZOL BLISTER BASE - SPECIAL EFFECT TABLE PRINT BASE**

**PRIDOZOL COTTON DISCHARGE CLEAR BASE- FOR SELF DISCHARGE OF GROUND DYE**

**PRIDOZOL COTTON DISCHARGE COLOR BASE- FOR ACHIEVING COLOR DISCHARGE ON GROUND DYE.**

**PRIDOZOL COTTON DISCHARGE WHITE- FOR WHITE EFFECT BY DISCHARGE**

**PRIDOZOL COTTON DISCHARGE ACTIVATOR (USE 5%)**

**PRIDOZOL VELVET FLOCK BASE -SPECIAL EFFECT BASE**

**PRIDOZOL SUPER WHITE (SPL) KHADI UNTONED**

**PRIDOZOL WHITE TONED KHADI- XL**

**PRIDOZOL POLY K.S WHITE - AIR CURE KHADI FOR 100 PERCENT POLYESTER FABRIC -MIX WITH CURE  
CATALYST BEFORE PRINTING**

**PRIDOZOL HIGH DENSITY ADDITIVE -FOR MIXING TO ACHIEVE HD RESULTS**

**PRIDOZOL HIGH DENSITY BASE- TO MAKE HD COLORS**

**PRIDOZOL HIGH DENSITY WHITE**

## **MACHINE PRINTING**

**PVC FREE CLEAR.....**

**PVC FREE ELASTO CLEAR.....**

**PVC FREE COLOR BASE -FOR MIXING PIGMENT EMULSIONS.....**

**PVC FREE WHITE.....**





## **NON - PVC OIL BASE - ACRY**

### **NON - PVC OIL BASE PLASTISOLS ACRY SYSTEM**

**ACRYPLAST - Oil base**  
**NON - PVC AND PHTHALTE FREE**

#### **DESCRIPTION**

ACRYPLAST is a non - phthalate, non-pvc plastisol screen printing ink system - 100 percent solid ink free from volatiles.

Provides printers with the same print application parameters as pvc plastisols.

ink system without having to change any of the standards associated with printing equipment, drying equipment, or the printing of the inks

It is available as an easy - to use 15 color mixing system and allows production of simulated shades in-house

In addition, there is a direct print cotton white to use as an under base white and as a spot white ink

The inks produce a matte finish and are suitable for high speed print production

The inks can be used for print - flash - print

#### **PRINTER'S PARAMETERS**

**Substrates**

**Bleed resistance**

**Mesh (on darks )**

**Mesh ( Under basing)**

**Mesh fine line)**

**Stencil emulsion**

**off-contact**

**Squeegee type**

**(60/90/60)**

**Squeegee angle**

**vertical**

**Squeegee speed**

**Gel temp**

**Cure temp**

**Extender**

**Extender Base**

**Reducer**

**Flow modifier**

**Use Emulsion scree cleaners and screen equipment  
which are Phthalate - Free Storage  
exposure**

**100% cotton, cotton blends, some synthetics  
none**

**86-125 t/in (34-48t/cm)**

**110-156 t/in (43-61 t/cm)**

**156 to 305 t/in**

**25-35 recommended**

**Direct, indirect & capillary**

**1/16 of inch**

**70 durometer. or triple (70/90/70)**

**Avoid excess pressure / should not be**

**Maximum 120 C/130C**

**171 C-entire film**

**10-20% (by weight)**

**CARY EXTEND BASE**

**1-3% (by weight)**

**1 to 2 %**

**18-32 C. Avoid direct sun or extended heat**

**Use within 1 year**

**Wash our solvent t.o.m.**

**Available upon request**

**Wash - up**

**Health & Safety**





## **NQN - PVC OIL BASE**

### **SPECIAL RECOMMENDATIONS**

Squeegee and flood - bar must completely clear the screen print image / design during the printing application.

The squeegee and flood - bar must evenly deposit the ink across the entire print image area.

The angle of squeegee during print application Should not be vertical.

Print platen should be flat and level before Commencing print application

The print platen must be free of fabric fiber otherwise the cured ink surface will not be flat in appearance and be rough in texture

The ink must be fully cured first time. Repeated ink drying will not assist the cure of the ink, as the first drying process establishes the ink film and tensile strength.

Colors will reproduce best on white or light ground fabrics.

Variation of screen mesh and ink deposit can result in loss of color depth and opacity.

Increasing ink film deposit can reduce fabric fibrillation, use a flash cured first down white ink. Decrease squeegee pressure on second print stroke, and be sure that the print platen is flat and without fiber debris.

Stir inks well before use in screens



## **NON - CONTAMINATION OF INK**

### **DO NOT add or mix, PVC containing ink**

use only ACRYPLAST inks and additives.  
Do not dilute or modify the inks with additives other than those recommended by than those recommended by Print dynamic. When mixing inks, all buckets, palette knives and mixing inks, all buckets, palette knives and mixing apparatus must be cleaned properly and free of PVC inks All squeegees, flood bars and screens must be cleaned properly and be free of PVC inks. Use recommended screen wash

- It is important that you follow the \manufactures product instructions concerning the use of jnon-ink products with a phthalatc and PVC free ink.

## **ACRY PLAST HIGH FIDELITY COLORS INTER MIXABLE COLORS**

### **MIXO SERIES**

**Aery Mixo Violet**  
**Aery Mixo Blue Rs**  
**Aery Mixo Blue (gs)**  
**Aery Mixo Marine**  
**Aery Mixo Green**  
**Aery Mixo Yellow**  
**Aery Mixo Scarlet**  
**Aery Mixo Red**  
**Aery Mixo Black**  
**Aery Mixo White**  
**Aery Mixo Opaque White**  
**Aery Mixo Fluo Magenta**  
**Aery Mixo Fluo Violet**  
**Aery Mixo Fluo Blue**  
**Aery Mixo Fluo Green**  
**Aery Mixo Fluo Yellow**  
**Aery Mixo Fluo Lemon**  
**Aery Mixo Fluo Orange**  
**Aery Mixo Fluo Pink**  
**Aery Mixo Fluo Red**  
**Aery Mixo Base Clear**  
**Aery Reducer Aid**



## NQNPVC OIL BASE

### **ACRY SERIES PLASTISOL INKS ( PVC/PHTHALATE FREE )** **DIRECT PRINTING / TRANSFER PRINTING**

#### **CODE**

ACRY- 120  
ACRY- 121  
ACRY- 122  
ACRY- 123  
ACRY- 124  
ACRY- 125

ACRY- 126  
ACRY-127  
ACRY- 128  
ACRY- 129

ACRY- 130  
ACRY- 131  
ACRY- 132  
ACRY- 133  
ACRY-134  
ACRY- 135  
ACRY-136  
ACRY- 137  
ACRY- 138

ACRY- 139  
ACRY- 140  
ACRY- 141

ACRY- 142  
ACRY- 143  
ACRY- 144  
ACRY- 145  
ACRY- 146

ACRY- 147  
ACRY- 148  
ACRY- 149  
ACRY- 150  
ACRY- 151

ACRY-152  
ACRY - 153  
ACRY- 154  
ACRY- 155  
ACRY PROCESS YELLOW  
(TRANS)

#### **COLORS**

OPAQUE white ( UNTONED )  
OPAQUE WHITE ( TONED )  
Black  
Lemon  
Light gold  
Golden yellow

Bright red  
Dark red  
Scarlet  
Warm red  
Blood red

Orange  
DEEP ORANGE  
Light blue  
T.blue  
Firozi  
Royal blue  
Navy  
Bears navy  
Jade blue

Kelly green (DARK)  
Parrot green  
Dalls green

Off-white  
Fawn  
Khakhi  
Mehndi  
Flesh

Rhodamine  
Purple  
Light violet  
Light brown  
Dark brown

Light  
Silver gray  
DEEP MAGENTA  
FUCSHIA







## NON PVC OIL BASE

**ACRY PROCESS CYAN**

**(TRANS)**

**ACRY PROCESS MAGENTA**

**(TRANS)**

**ACRY REDUCER AID**

**ACRY LITHO**

**WHITE/BACKUP**

**ACRY PRINTABLE**

**ADHESIVE**

**ACRY STRETCH ADHESIVE**

**ACRY GLITTER GEL**

**ACRY COLOR MIX BASE**

**( FOR DARKS )**

**ACRY COLOR MIX CLEAR**

**BASE ( FOR LIGHT )**

**BACKGROUNDS**

**ACRY HIGH DENSITY MIX/BASE**



## **ALSO AVAILABLE**

1. **PIGMENT CONCENTRATES (PC) FOR ON HOUSE SHADE MATCHING / MIXING.  
ALONG WITH THE OPAQUE BASE AND CLEAR BASE**
2. **HALFTONE EXTENDER BASE**
3. **PUFF BASE**
4. **PUFF ADDITIVE**
5. **HIGH DENSITY ADDITIVE**
6. **HIGH DENSITY BASE**
7. **SOFT FEEL ADDITIVE**



**ACRY GLITTER CLEAR - NON PVC OIL BASED CLEAR -  
PVC FREE AND FREE FROM PHTHALATES, FORMALDEHDE, LEAD, AZO,  
AND ALL BANNER AMINES, APEO, NPEO.**

**USE AS A MIXING CLEAR WITH METTALICS, GLITTERS, SHIMMERS ETC.**

**MIXING REDUCER TO REDUCE VISCOSITY - ACRY REDUCER ADD UPTO 3 PERCENT  
TO THING IT DOWN TO ACCOMMODATE GLITTERS, SHIMMERS UPTO 30 PERCENT  
IN ACRY GLITTER CLEAR.**

**PRINT ON TRANSFER PAPERS AND FILMS AND GEL THE INK AT 140 DEG C.**

**TRANSFER AT 180 DEG C FOR 10 SECONDS TO 12 SECONDS AT 6 BAR PRESSURE  
AND COLD PEEL - SUITABLE FOR COTTON, POLY COTTON, AND ALSO ON PURE  
POLYESTER ALONG WITH DYE BLOCK BACKUP SYSTEMS TO PREVENT DYE  
MIGRATION.**



## **SPECIAL EFFECTS PLASTISOL**

### **TEXTILE DECORATION- DIRECT PRINTING**

#### **PVC PLASTISOLS**

##### **1. HIGH DENSITY SPECIAL- HDS 200**

Specially formulated to enable small printers to economically produce high density prints without investing in expensive screens - use direct as a neutral base or color with plastisol pigment concentrates to create glossy colors .not to be used as an overprint clear. Print and cure and watch the high density appear.

##### **2. HIGH DENSITY CLEAR - HDC 220**

Can be used as a glossy overprint clear or as a high gloss overprint to any plastisol print. Can add pigment concentrates or plastisol colors to create high density glossy colors. Works best with high density screens

##### **3.HIGHDENSITYLIGHTWEIGHTBASE-HDLW-240**

Exceptional high density stacked effects with non - reflecting surface and chiseled look with the unique feature of light weight inspite of high density layering. Sharpest prints with straight-up look are enabled by mixing pigment concentrates for color prints- dilution of base with plastisol ready colors will modify the light weight feature, suitable upto 700 microns. Addition of 20 to 40 parts of this base to plastisol inks by weight will make the normal plastisol inks suitable for high density prints upto 250 microns. Base is suitable for sculpture effect printing to imitate sculpted clay look..

##### **4. HIGH DENSITY SPONGE EFFECT - HDSE-260**

Super high density prints with the softest surface texture and compressible when touched. Unique high density prints as a direct base mixable with pigment concentrates. Can also mix with plastisol colors to obtain appreciable results. Base is mixable in all proportions with plastisol inks to get unique high density prints ranging from dull, satin, to high gloss prints. Also use to create prints of different heights

##### **5.ROCKBASE-RB-280**

Creates a tough and durable rock hard ink surface - excellent strike thru properties thru high density screens, achieve textured look by using as a foil base which will allow high density foiling. Mixable with metallic plastisol and fluorescent to allow limitless speciality prints

##### **6. CORK BASE-CB-300**

Print elevated cork texture which is smooth to touch but highly durable and stretchable - excellent for printing imitation embroidery patterns, suitable for both high and low elevation textured prints, mixable with pigment concentrates.

##### **7. MULTIGELTHERMO -MGT320**

Super transparent thixotropic gel, non- yellowing suitable for following, flocking, bead fixing, high density clear, sparkle fixing, chewing gum prints , high gloss transparent glass look when direct printed on darks, improves gloss and stretch when added to any direct printing plastisol. single inventory for multiple application

##### **8. SUEDE ADDITIVE - SDL-340**

Natural suede effect when added upto 20 parts in plastisol colors/ bases, produce suede/velvet finishes and can be colored to create leather look-

##### **9. THERMO GLITTER GEL-TGG -360**

Super transparent clear for mixing with glitter flakes - base penetrates the fabric leaving the print exposed and with a dry look. Very glossy embossed effects when overprinted on ink underlays. Mix in transfer inks to improve stretch and strength.

##### **10. CHIC FEEL BASE - CFB-380**

A low viscosity plastisol base to produce super soft finish to simulate waterbase inks and discharge prints, most helpful to print over seams and eliminate the bulge.

##### **11. HIGH FIDELITY PLASTISOL COLORS -HF-PD SERIES**

High color saturation plastisols for direct and cold peel transfer printing. Intermixable master colors with 11 regular shades and 9 fluorescents and a color extender base.

##### **12.ANTI-SKID-AS-400**

Non- slip plastisol Coating  
stretches and Retracts Without Breaking!  
Ideal for Screen Printing on Gloves and socks.

When screen printed with a thick coating, it gives a slightly raised "foam" works well on lycra and spandex.





## **SPECIAL EFFECTS PLASTISOL**

### **METALLICS**

PLASTISOL ECONOMY SILVER  
PLASTISOL BRIGHT SILVER  
PLASTISOL PALE GOLD  
PLASTISOL RICH GOLD  
PLASTISOL COPPER  
PLASTISOL SHINING GOLD

METALLIC  
METALLIC  
METALLIC  
METALLIC  
METALLIC  
METALLIC

PLASTISOL SILVER SHIMMER  
PLASTISOL GOLD SHIMMER  
PLASTISOL SILVER GLITTER  
PLASTISOL GOLD GLITTER  
PLASTISOL TURQUOISE GLITTER  
PLASTISOL PEACH GLITTER  
PLASTISOL RED GLITTER  
PLASTISOL LIGHT BLUE GLITTER  
PLASTISOL DARK BLUE GLITTER  
PLASTISOL GREY GLITTER  
PLASTISOL BLACK GLITTER

NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC

PLASTISOL (CRYSTALINA)  
PLASTISOL CRYSTALINA VIOLET  
PLASTISOL CRYSTALINA BLUE  
PLASTISOL CRYSTALINA GREEN  
PLASTISOL CRYSTALINA DEEP YELLOW  
PLASTISOL CRYSTALINA RED  
PLASTISOL CRYSTALINA BLACK

NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC

PLASTISOL PEARL CLEAR  
PLASTISOL VIOLET PEARL  
PLASTISOL BLUE PEARL  
PLASTISOL GREEN PEARL  
PLASTISOL YELLOW PEARL  
PLASTISOL RED PEARL  
PLASTISOL BLACK PEARL

NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC

PLASTISOL KROME SILVER  
PLASTISOL KROME GOLD  
PLASTISOL KROME VIOLET  
PLASTISOL KROME BLUE  
PLASTISOL KROME GREEN  
PLASTISOL KROME YELLOW  
PLASTISOL KROME RED  
PLASTISOL KROME BLACK

NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC  
NON-METALLIC

PLASTISOL SILVER SPARKLE  
PLASTISOL GOLD SPARKLE

NON-METALLIC  
NON-METALLIC

### **PLASTISOL PHOSPHORESCENT INKS (RAYGLOW SERIES)** **GLOW IN DARK)**

GREEN GLOW  
LIGHT BLUE GLOW  
DARK BLUE GLOW  
RED GLOW

CLEAR TO GLOW  
CLEAR TO GLOW  
CLEAR TO GLOW  
CLEAR TO GLOW

WHITE GLOW  
PINK GLOW  
YELLOW GLOW  
ORANGE GLOW  
VIOLET GLOW  
PURPLE GLOW

CLEAR TO GLOW  
CLEAR TO GLOW  
CLEAR TO GLOW  
CLEAR TO GLOW  
CLEAR TO GLOW  
CLEAR TO GLOW



**FLUORESCENT DAYLIGHT SHADES WITH GLOW  
IN DARK**

**PLASTISOL ANGLE VIEW INKS  
COLOR CHANGE BY VIEWING ANGLE**

RED TO YELLOW  
GOLD TO RED  
GREEN TO RED  
GREEN TO YELLOW  
GREEN TO BLUE  
BLUE TO RED  
RED TO GREEN  
RED TO BLACK

**PLASTISOL JEWEL TONE INKS**  
(Ask for Details)

**DAYLIGHT COLOR PRINTS WITH  
GLOW IN DARK**

**ANDROMEDA SERIES**





## SUBLIMATION TRANSFER INKS

### **Lithographic sublimation transfer inks**

#### **DYNA-SUBLI SERIES**

##### **APPLICATION**

100% POLYESTER, NYLON, ACRYLIC  
 AND RAYON FABRICS  
 POLYESTER COTTON BLENDS (65%  
 POLYESTER)

##### **ADVANTAGES**

BRIGHT AND WITH COLOR STRENGTH  
 HIGH PRODUCTION SPEED  
 STORAGE STABLE  
 GOOD ANTI-SKINNING PROPERTIES

#### **INFORMATION**

The ink is printable by sheeted offset process (not for gravure or flexo or screen)  
 To apply a reverse image onto paper using lithographic or letterpress equipment.  
 The finished prints are to be transferred with heat (170 to 220 deg c ) and pressure onto polyester, nylons and other suitable polymer substrates.  
 After transfer the inks provide a very strong color reproduction to create brilliant images.  
 The inks do not require any special paper (you may refer to us for information on suitable papers).  
 The transfer results have excellent bond with the materials they are transferred to and have no hard feel on the fabric or other substrates.  
 The results are long lasting and have good resistance to laundering and perspiration etc.

#### **PRODUCTS**

• Offset Subli Process Yellow • Offset Subli Process Cyan • Offset Subli Process Magenta • Offset Subli Process Black

**COLORS ARE PRIMARY AND ARE INTERMIXABLE TO ACHIEVE SECONDARY AND MIX SHADES**

#### **ALSO AVAILABLE**

Offset Subli Jet Black and Spot Shades are made as per matchings request and Feasibility of available Materials.

#### **PRINT LIFE**

Printed papers can be stocked for minimum one year without losing color  
 Intensity- if prints are stocked under required storage conditions of moisture  
 Free and low temperature environment.

#### **TRANSFER PARAMETERS- TIME AND TEMPERATURE**

APPLICATION  
 POLYAMIDE 6.6  
 POLYAMIDE 6  
 ACRYLICS  
 TRIACETATE

TEMPERATURE AND TIME  
 200 DEG C / 20 SECONDS  
 190 DEG C/20 SECONDS  
 195 DEG C/ 25 SECONDS  
 195 DEG C/20 SECONDS

#### **USE FOR TRANSFER TO -**

100 % Polyester, Lycra, Nylon, Polyester/Cotton blends(at least 65%), Acrylics, Rayon. Results are best on white colored fabrics and light colored backgrounds pre-testing is recommended to determine suitability. The inks are not suitable for 100% cotton or natural fibres.

#### **FASTNESS PROPERTIES**

PRODUCT	TRANSFER CLASS	LIGHT FASTNESS	WASH FASTNESS	ALKALINE PERSPIRATION	RUBBING CHLORINATION
---------	----------------	----------------	---------------	-----------------------	----------------------

#### **WASHABILITY**

Garments decorated with these ink transfers may be ironed, washed and dry cleaned. Fabric used is very important always.

#### **WARRANTY/PRECAUTION**

While we take all precautions to ensure the performance of this ink for the purpose intended, we cannot assume any responsibility (liability) for its performance because of the numerous factors beyond our control like printing conditions, variety of fabrics used, temperature and dwell time variations and end use requirements. The depth and brilliance of color that can be obtained from a sublimation transfer is dependant on the nature of the fabric fibre as well as the fineness of the weave. Each fabric must be tested individually to make sure that the proper results are obtained. It is clearly recommended that you test the ink thoroughly on the specific fabrics to be used.





## **SCREEN SUBLIMATION TRANSFER INKS**

### **Screen Printing inks-air drying**

This is a dye transfer ink system for printing on suitable sublitrans paper as well as suitable white litho and other calendared printing paper of 70 to 90gsm or higher.

**Process colors and jet black**

**Cyan**

**Magenta**

**Yellow**

**Black**

**Jetblack**

**Reducer No 950 For Screen Cleaning And Ink Flow Improvement**

Spot colors made to order- lemon, golden, red(yellowish), red (bluish ) deep red, ,orange, deep orange, blue, darb blue, royal, navy, green ,violet • purple, browns, beige

### **EC CLEAR- SUBU EXTENDER BASE**

**EC SUBLI CLEAR** - mixing base to add sublimation toners of solvent and waterbased and prepare your own shades, supplied along with EC inb aid no E9SO.

Solvent based inks based on alcohols for low odour /sweet smell

Reducer and screen cleaner - use only to achieve flow - excessive reduction will reduce the color depth and shade of the ink and effect transfer reproduction.

Mesh -140 T-160T mesh for crisp halftones and lines

Mesh- **LOOK FOR DEEP COLORS IN SPOT SHADES**

Heat transfer temperature -180 to 240 deg c -depending on the heat sensitivity of the substrate for transfer.

time - higher the temperature lower the time required -10 to 20 seconds pressure- -maximum pressure possible without affecting fabric gives best transfer definition on substrate.

The ink will look very dull on the paper but will give bright colors after transfer.

Transfer to polyester, poly cotton, acetate, nylon and synthetic fabrics mixed with cotton., lycra, spandex, triacetate fibers, polyamide fibers etc Will also transfer o pre-treated cotton, canvas and other natural fibers. Not for dark backgrounds

The ink also transfers to metals, glass, ceramic etc with pre-coats suitable for sublimation image transfers





### Sublimation results on

- ? 100 percent cotton/canvas and other natural fibres
- ? Pu materials- heat stable
- ? Natural and processed leathers.
- ? Light and darn background\*

### Sublimation prints can be

1. Offset printed on coated papers-sheets .special transfer papers.
2. Digital prints from inkjet prints on coated papers -sheets.
3. Screen printed on coated papers-sheets.
4. Gravure / flexo printed in roll form.
5. Un coated papers may tend to stick to the coating if peeling properties are not observed.

### Coatings :

1. Solvent based leather coat -**SBL VCP** -30 - available for screen printing and can be made spray able by addition of our **SPRAY AID N0114** suitable for natural leathers .allow to totally dry after spray or screen print .can be force dried at 140°C. our screen cleaning aid no 203/118 is required .
2. Water based coatings  
Aqua tone clear coat -screen printing -spray able by addition of water  
Aqua tone white -screen orinina -soluble by addition of water.

### AQUASQL SUBLI COAT FOR COTTON /CANVAS

AQUASOL SUBLI WHITE COAT FOR COTTON  
/CANVAS

AOSC CLEAR  
AQSC WHITE

Confirm the exact substrate on which you require the results and we will explain the procedure

### ALSO AVAILABLE SUBLIMATION LIQUID INKS

1. FOUR COLOR SUBLIMATION PROCESS INKS FOR GRAVURE PRINTING - SOLVENT BASED
2. FOUR COLOR SUBLIMATION PROCESS INKS FOR FLEXO PRINTING - WATERBASED





## HEAT TRANSFER INKS ( Solvent Based)

For Natural Fibres Like Cotton, Jute, Hemp, Canvas,  
 For Mixed Fibres Like Polycotton  
 Synthetic Fibres Like Lycra, Polyester, Acrylic,  
 Nylon And Water Repellant Fabrics For  
 Umbrellas, Windcheaters, School Bags Jafetta, Satin,  
 PVC Materials Like Rainwear  
 Plastic Polymers Like Hdpe, Polypropylene , P.e.t.  
 For Industrial Containers, Shopping Bags  
 Natural And Synthetic Leathers  
 Compressible Polymers Like Eva, Eva Alloys  
 With Rubber For Footwear  
 For Elastomers Like Natural And Synthetic Rubbers

**NYLOBOND / H.S SERIES SOLVENT BASED SCREEN INKS NYLOBOND INK SYSTEM-** Solvent Based Non Pvc ,  
 Suitable For Transfers on Nylon Fabrics, Leather, Synthetics Fabrics Like Polyester, Lycra, Umbrellas, Windcheater, School  
 Bags, Water Repellant Coated Materials.

**H.S. INK SYSTEM** - Solvent Based Non PVC - Suitable For High Stretch Applications For Tagless Less Necklabels On Cottons  
 And Blends - For Synthetics Use HJ Inks With Nylobond Backups Under Our Guidance

Ask for user instructions of our hot Melt Powders For This System

NB-001	NYLOBOND BLACK	HS. - 001	H.S. BLACK
NB-002	NYLOBOND DENSE BLACK / JET BLACK	HS. - 002	H.S. DENSE BLACK
NB-004A	NYLOBOND MIXING WHITE	HS. - 003	H.S. MIXING WHITE
NBMX WHITE			
NB-004	NYLOBOND OPAQUE WHITE	HS. - 004	H.S. OPAQUE BRIGHT WHITE
NB-005	NYLOBOND LIGHT CHROME	HS. - 005	H.S. LIGHT CHROME
NB-006	NYLOBOND LEMON YELLOW	HS. - 006	H.S. LEMON YELLOW
NB-007	NYLOBOND MID CHROME (GOLDEN)	HS. - 007	H.S. MID CHROME (GOLDEN)
NB-008	NYLOBOND PINK		H.S. PINK
NB-009	NYLOBOND LIGHT ORANGE	HS. - 009	H.S. LIGHT ORANGE
NB-011	NYLOBOND LIGHT RED (SCARLET)	HS.-011	H.S. SCARLET
NB-012	NYLOBOND BRIGHT RED	HS.-012	H.S. BRIGHT RED
NB-014	NYLOBOND ROYAL	HS. - 014	HS. ROYAL
NB-015	NYLOBOND DEEP RED	HS.-015	H.S. DEEP RED
NB-016	NYLOBOND MAGENTA	HS.-016	H.S. MAGENTA
NB-017	NYLOBOND FUSCHIA	HS.-017	H.S. FUSCHIA
NB-018	NYLOBOND DEEP VIOLET	HS.-018	H.S.VIOLET
NB-020	NYLOBOND LIGHT BLUE	HS. - 020	H.S. LIGHT BLUE
NB-024	NYLOBOND BLUE	HS. - 024	H.S. BLUE
NB-023	NYLOBOND GREEN	HS. - 023	H.S. GREEN





## HEAT TRANSFER INKS ( Solvent Based)

NB-025	NYLOBOND PEACOCK BLUE	HS. - 025	H.S. PEACOCK BLUE
NB-026	NYLOBOND VAVY	HS. - 026	H.S. NAVY
NB-027	NYLOBOND P. O. RED	HS. - 027	H.S. P.O.RED
NB-028	NYLOBOND SILVER	HS. - 028	H.S. SILVER
NB-029	NYLOBOND SHINING GOLD	HS. - 029	H.S. SHINING GOLD
NB-030	NYLOBOND CRIMSON RED	HS. - 030	H.S. CRIMSON RED
NB-031	NYLOBOND FLUORESCENT LEMON YELLOW	HS.- 031	H.S. FLUORESCENT LEMON YELLOW
NB-032	NYLOBOND FLUORESCENT NEON RED	HS. - 032	H.S. FLUORESCENT NEON RED
NB-033	NYLOBOND FLUORESCENT ORANGE	HS. - 033	H.S. FLUORESCENT ORANGE
NB-034	NYLOBOND FLUORESCENT GREEN	HS. - 034	H.S. FLUORESCENT GREEN
NB-040	NYLOBOND RUBINE RED	HS. - 040	H.S. RUBINE RED
NB-041	NYLOBOND RHODAMINE RED	HS.- 041	H.S. RHODAMINE RED
NB-037	NYLOBOND BROWN	HS. - 037	H.S. BROWN
NB-043	NYLOBOND PURPLE	HS. - 043	H.S. PURPLE
NB-044	NYLOBOND REFLEX BLUE	HS. - 044	H.S. REFLEX BLUE
NB-042	NYLOBOND WARM RED	HS. - 042	H.S. WARM RED
	TRICHROMATICS		TRICHROMATICS
NB-045	NYLOBOND PROCESS CYAN	HS. - 045	H.S. PROCESS CYAN
NB-047	NYLOBOND PROCESS MAGENTA	HS. - 047	H.S. PROCESS MAGENTA
NB-046	NYLOBOND PROCESS YELLOW	HS. - 046	H.S. PROCESS YELLOW
NB-048	NYLOBOND PROCESS BLACK	HS. - 048	H.S. PROCESS BLACK
			H.S. CLEAR
NB- EXT	NB - EXT COLOR EXTENDER BASE		HM 35 HOT MELT POWDER
NG CLEAR	NYLOBOND GLITTER MIX CLEAR		HM 29 HOT MELT POWDER
FM-101	NYLOBOND LOW ODOUR INK AID		HM - 65 MELT POWDER
NL-303	NYLOBOND FIRST CLEAR RESISTANCE COAT		LOW TEMPERATURE APPLICATIONS
NB-201	NYLOBOND CLEAR 9 NON STIK)		
NB -203	NYLOBOND STRETCH CLEAR		
INK AID	REDUCER NO 203		
INK AID	RETARDERNO201		
ADDITIVE	NYLOBOND STRETCH ADDITIVE - (MIXING PURPOSE)		
ISOCURE-70	NYLOBOND ISOCURE CATALYST		
WRC-021-15	WRC - 021 -15 RELEASE COAT FOR TRANSFERS FROM FILMS		
520/950	SOLVENT BASED HOT PEEL RELEASE COAT		
520/CS	SOLVENT BASED COLD PEEL RELEASE COAT		
INK AID	REDUCER NO E 950		







## HEAT TRANSFER INKS ( Solvent Based)

### NEW VINYL INK SERIES BASED

Solvent based screen printed inks for pvc based transfers onto pvc rainwear and other heat sensitive plastic fabrics for apparels where low temperature application is required.

#### INK CODE - NV SERIES

#### COLOR

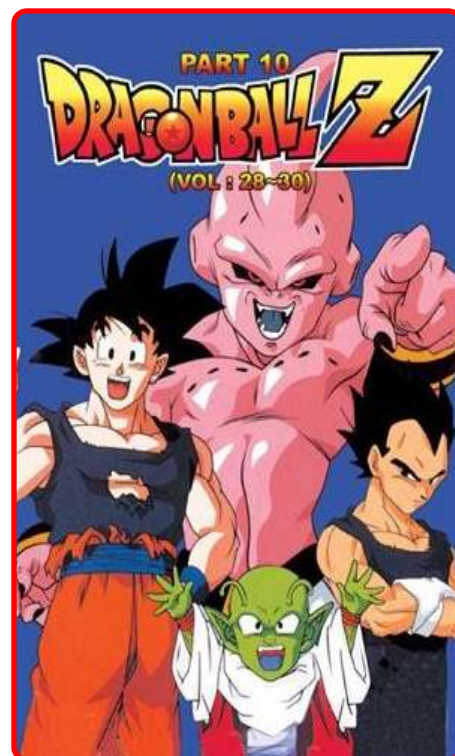
NVS-001	BLACK
NVS-002	JET BLACK
NVS-004A	MIXING WHITE
NVS-004	OPAQUE WHITE
NVS-005	LIGHT CHROME
NVS-006	LEMON
NVS-007	MID CHROME
NVS-008	PINK
NVS-009	LIGHT ORANGE
NVS-011	LIGHT RED (SCARLET)
NVS-012	BRIGHT RED
NVS-014	ROYAL
NVS-015	DEEP RED
NVS-016	MAGENTA
NVS-017	FUSCHIA
NVS-018	DEEP VIOLET
NVS-020	LIGHT BLUE
NVS-024	BLUE
NVS-023	GREEN
NVS-025	PEACOCK BLUE
NVS-026	NAVY
NVS-027	P.O. RED
NVS-028	SILVER
NVS-029	SHINING GOLD
NVS-030	CRIMSON RED
NVS-031	FLUORESCENT LEMON
NVS-032	FLUORESCENT NEON RED
NVS-033	FLUORESCENT ORANGE
NVS-034	FLUORESCENT GREEN
NVS-040	RUBINE RED
NVS-041	RHODAMINE RED
NVS-037	BROWN
NVS-043	PURPLE
NVS-044	REFLEX BLUE
NVS-042	WARM RED
	TRICHROMATICS





## HEAT TRANSFER INKS ( Solvent Based)

NVS-045	PROCESS CYAN
NVS-047	PROCESS MAGENTA
NVS-046	PROCESS YELLOW
NVS-048	PROCESS BLACK
AUXILLIARYS / BASES / BACKUP	
NVS-EXT	NEW VINYL COLOR EXTENDER BASE
NVS-TW	NEW VINYL TRANSFER WHITE
NVS-TC	NEW VINYL TRANS CLEAR
NVS-PA	NEW VINYL PRINTABLE ADHESIVE
NVS-SC	NEW VINYL STRETCH CLEAR
NVS-SA	NEW VINYL STRETCH ADDITIVE
FW-WHITE	FLEXI WHITE
FW-CLEAR	FLEXI CLEAR
SR90/118	SR90/118 - PEEL OFF COAT
CLARICOAT	FLEXI COLOR CLARIFIER ADDITIVE
INK AID	REDUCER NO 203/118
INK AID	RETARDERNO201



PETTRANS-CS	HEAT TRANSFER FILM - COLD PEEF ASK FOR DATA SHEET FOR APPLICATION
PETTRANS-HP	HEAT TRANSFER FILM - PEEL ASK FOR DATA SHEET FOR APPLICATION

- ELASTO TRANSFER INKS - GRAVURE AND COATING PROCESS INKS FOR RUBBERS FROM POLYESTER BACKING MATERIAL.
- SCREEN PRINTING RUBBER TRANSFER INKS FROM POLYESTER BACKING.
- POLYTRANS GRAVURE INKS FOR PLASTICS LIKE HDPE, POLYPROPYLENE

WRITE US FOR DETAILED DATA SHEETS AND TECHNICAL GUIDANCE.





## **LITHO TRANSFER SYSTEMS**

### **LITHOTRANS- PD**

#### **LITHO PRINTABLE TRANSFER INKS-CMYK**

STANDARD SERIES -WITH PLASTISOL

BRIGHT SERIES - WITH PLASTISOL

NON-PVC SERIES -WITH WATER AND SOLVENT BASED

SHIMMER SERIES -WITH SOLVENT BASED

RAYCURE SERIES - WITH SOLVENT BASED

Please call for detailed application of each

#### **FEATURES**

SUPPLIED IN PROCESS COLOURS (c.m.y.k)

PRINTABLE IN ANY SEQUENCE

LITHO TRANSFER FOR GARMENTS

PLASTISOL BACKED LITHO TRANSFER FOR COTTON,  
POLYCOTTON, POLYESTER, SYNTHETIC WATER REPELLANT  
FABRICS, RAINWEAR ETC

BEST ON FOUR COLOR SHEETFEED MACHINES

#### **BASIC REQUIRMENTS -STARTUP**

SPECIAL TRANSFER PAPERS

LITHO INKS

PLASTISOLS

#### **PRODUCTION PROCESSES**

LITHO PRINTING

SCREEN PRINTING

CURING

HEAT TRANSFER

#### **INFORMATION -GENERAL**

LITHOTRANS -PD INKS COMPARISE OF A SET OF SPECIALLY FORMULATED FOUR COLOUR  
PROCESS PRINTING OFFSET PRINTABLE INKS : PROCESS BLACK, PROCESS MAGENTA,  
PROCESS YELLOW, PROCESS CYAN.

THESE OFFSET INKS ARE USED IN COMBINATION WITH OUR RECOMMENDED

BACK -UP PLASTISOL OF REPUTED BRANDS

(EITHER WHITE, CLEAR, GLITTER) TO PRODUCE A LITHO/SCREEN PLASTISOL TRANSFER.

THE LITHO INK BONDS TO THE PLASTISOL WHICH IN TURN BONDS TO THE FABRIC UPON

THE APPLICATION OF HEAT AND PRESSURE AT THE TIME OF TRANSFER







## LITHO TRANSFER SYSTEMS

### INFORMATION - CRITICAL

THE COMBINATION OF OFFSET LITHO INK, HEAT TRANSFER RELEASE PAPER AND THE BACK-UP PLASTISOL IS HIGHLY CRITICAL FOR ACHIEVING THE END RESULT.

OUR LITHO INKS ARE BASED ON A UNIQUE RECIPE TO GRANT ALL THE SPECIAL PERFORMANCE CHARACTERISTICS LIKE HEAT RESISTANCE, FADE RESISTANCE, ALKALI (SOAP) RESISTANCE ETC THE INKS ARE NOT RESISTANT TO BLEACHING,

### PRINTING CHARACTERISTICS

THE PRIMARY REQUIREMENT OF THE LITHO INKS IS TO ADHERE TO THE TRANSFER PAPER AND NOT RELEASE PREMATURELY VET AT THE TIME OF TRANSFER THE INKS MUST RELEASE CLEANLY AND EASILY. THEREFORE THE DEGREE OF ADHESION TO THE TRANSFER RELEASE PAPER IS MOST CRITICAL AND HAS TO BE CAREFULLY BALANCED.

THE INKS DO NOT CONTAIN ANY DRIERS AND ARE PRINTABLE ON SINGLE COLOUR TWO COLOUR AND FOUR COLOUR MACHINES.SINCE BY THEIR VERY NATURE

THE INKS ARE DESIGNED NOT TO BIND TIGHTLY ONTO THE TRANSFER PAPER CAUTION NEEDS TO BE EXERCISED WHILE PRINTING ON SINGLE AND TWO COLOUR MACHINES BECAUSE THERE IS A TENDENCY FOR THE EARLIER COLOURS TO BE PULLED OFF THE SHEET ONTO THE BACK CYLINDER OF THE PRESS AS THE SHEET RUNS THROUGH THE PRESS TWO , THREE AND FOUR TIMES.

### PRESS RECOMMENDATIONS

SUGGESTIONS ARE GIVEN BELOW TO OVERCOME THE INK PICKING OFF AS THE SHEETS GO THROUGH THE PRESS FOR SUCCEEDING COLOURS.

IF ALL THE FOUR COLOURS STAY ON THE PAPER WITHOUT PUTTING THE DOTS OFF, THEN THERE IS RARELY ANY OTHER PROBLEM FACED IN THE PRODUCTION OF THESE TYPE OF TRANSFERS.

PRINT ALL THE COLOURS IN QUICK SUCCESSION , ONE AFTER THE OTHER ( SAME DAY PREFERABLE ).

RUN THE PRESS AT SLOW SPEEDS - 2000 TO 3000 IPH.

KEEP LOW INKING LEVELS TO ENSURE COLOUR INTENSITY AND STRENGTH.

KEEP OFFSET SPRAY POWDER TO THE MINIMUM.

KEEP WATER TO A MINIMUM (AND ALCOHOL CONTENT BELOW 25%).

KEEP pH BETWEEN 3.5 TO 4.5

IF ONE INCREASES THE ETCH SOLUTION TO MAINTAIN THE pH, IT IS SUGGESTED THAT THE ADDITIONAL GUM ARABIC BE ADDED TO KEEP THE PLATES FROM GREASING OR SCUMMING.

USE LESS PRESSURE ON THE BACK CYLINDER ON EACH SUCCESSIVE RUN.

USE COMPRESSIBLE BLANKETS.





## LITHO TRANSFER SYSTEMS

WAX THE BLANKET IF IT IS TACKY.

TRY DEEP ETCH PLATES.

IF ALL OTHER TROUBLE-SHOOTING IS INEFFECTIVE , ADD A LITTLE TACK REDUCING COMPOUND TO THE FINAL COLOURS.

WHILE SCREEN PRINTING THE PLASTISOL BACK-UP AFTER LITHO PRINTING, DUE CARE SHOULD BE TAKEN TO WATCH

THE PLACEMENT OF THE FEED ROLLERS IF PRINTED ON A SCREEN PRINTING MACHINE

IT IS RECOMMENDED THAT THE LITHO PRINTED RESULTS SHOULD BE SCREEN PRINTED IMMEDIATELY PREFERABLY WITHIN 48 HOURS.

INK. LOADING SHOULD NOT BE HEAVY, EXCESSIVE INK LAYDOWN CAN CAUSE A SEPARATION OF THE INK FILM WHEN TRANSFERRED, THUS LEAVING A DEPOSIT ON THE RELEASE PAPER.

THE INKS ARE EQUALLY TACK-GRADED AND CAN THEREFORE BE PRINTED IN ANY SEQUENCE.

THE KEYS

USE THE RECOMMENDED TRANSFER PAPERS LIKE of arjo-Wiggins, tullis russel, our transfer film PETTRANS-CS AND OTHER REPUTED SOURCES.-A VERY WIDE CHOICE OF PAPERS IS NOW AVAILABLE.

USE THE RECOMMENDED BACK-UP PLASTISOLS OF A WELL ESTABLISHED QUALITY -DO NOT OVER-CURE THE PLASTISOL BACK-UP : TRANSFERS HAVE THE INTRINSIC RISK OF BEING OVER-CURED AND THIS RESULTS IN DIFFICULTY LATER AT THE TIME OF TRANSFER. OUR BACKUP LITHO WHITE PLASTISOL

SINCE LITHO HEAT TRANSFERS REQUIRE THREE DIFFERENT COMPONENTS ( SPECIAL PAPERS, LITHO INK AND THE PLASTISOL) AND PRODUCTION CONSIST OF VARIOUS STATES ( LITHO PRINTING , SCREEN PRINTING , CURING AND HEAT TRANSFER), THOROUGH TESTING FOR TRANSFERABILITY, WASH RESISTANCE AND OTHER REQUIREMENTS IS STRONGLY RECOMMENDED.

USE RECOMMENDED HEAT TRANSFER EQUIPMENT .

PRETEST ALL INKS ON THE SURFACES TO BE PRINTED.

## WARRANTY

THE ABOVE INFORMATION IS SUPPLIED WITHOUT ANY IMPLIED WARRANTY

## HEAT TRANSFER LITHOGRAPHIC INKS

LITHOTRANS-PD-STANDARD  
LITHOTRANS -BRIGHT SET

LITHOTRANS -NON PVC SET  
LITHOTRANS- SHIMMER SET

LITHOTRANS - RAVCURE SET

CMYK SET FOR OIL BASED PLASTISOL BACKUP

CMYK SET WITH FLUORESCENT BRIGHTNESS FOR OILBASED PLASTISOL BACKUP

CMYK FOR NON PVC SOLVENT BASED AND WATERBASED BACKUP

CMYK FOR METTALIC OUTCOME IN LITHO PRINT WITH SOLVENT BASE BACKUP

CMYK FOR BRILLIANT .VIBRANT COLORS WITH SOLVENT BASED BACH ON TRANSFER FILM ONLY.



## LITHO TRANSFER SYSTEMS

### LITHO BACK UP SYSTEMS

<b>PVC PLASTISOL PHTHALATE BASED</b>	<b>PVC BASED/PHTHALATE FREE</b>
PLASTISOL V.LITHO WHITE	PREMIUM LITHO WHITE
PLASTISOL D.LITHO WHITE	ECONOMY LITHO WHITE FOR GENERAL MARKET
PLASTISOL HOT MELT LITHO WHITE	QUALITY SUPERBOND LITHO WHITE FOR HIGH OPACITY, STRETCH AND DURABILITY WITHOUT
PLASTISOL ONE PAC LITHO WHITE	ADDITIONAL GEL BACKUP. SUPERIOR LITHO WHITE FOR LOCAL TRANSFER PAPER TO ENSURE SMOOTH PEEL.
PLASTISOL PRINTABLE ADHESIVE -CP117	BACKUP GEL FOR LITHO PRINTS FOR EDGE BONDING AND WAFASTNESS.
PLASTISOL THERMOLINE CLEAR	MULTIPURPOSE HIGH GLOSS CLEAR - CAN MIX UP TO 10 PERCENT IN LITHO WHITES FOR IMPROVED
PLASTISOL ALL IN ONE CLEAR	CLEAR BACKUP ADHESIVE, FLOCK ADHESIVE, FOIL ADHESIVE -STRETCH

<b>TRANSFER POWDERS</b>	<b>PVC FREE /PHTHALATE FREE</b>
HM 35 TRANSFER POWDER (POLYESTER)	FINE GRADE FOR INK MIXING
HM29 TRANSFER POWDER(POLYESTER)	MEDIUM GRADE FOR SCATTERING ON INK
HM8Q TRANSFER POWDER (POLYESTER)	FOR MIXING AND SCATTERING
HM65 TRANSFER POWDER(POLYAMIDE)	FOR LOW TEMPERATURE TRANSFERS ON
	HEAT SENSITIVE MATERIAL

<b>PVC PLASTISOL PHTHALATE FREE</b>	<b>PHTHALATE FREE</b>
PF-770 LITHO WHITE	PREMIUM LITHO WHITE
PF-762 PRINTABLE ADHESIVE	SUPER BACK-UP
CG-101 CLEAR GEL	MULTIPURPOSE GEL ,GLITTER BASE,
OPPF -771 PHTHALATE FREE ONE PAC LITHO WHITE	SUPERBOND LITHO WHITE FOR HIGH OPACITY, STRETCH AND DURABILITY WITHOUT ADDITIONAL BACKUP GEL

<b>ACRY-PVC FREE /PHTHALATE FREE OIL BASE</b>	<b>PVC FREE /PHTHALATE FREE</b>
ACRY LITHO HOT MELT WHITE	PREMIUM LITHO WHITE-GLOSSY
ACRY LITHO WHITE-MATT	PREMIUM LITHO WHITE -MATT
ACRY PRINTABLE ADHESIVE	SUPER BACK-UP
ACRY STRETCH ADHESIVE	SUPER BACK-UP WITH HIGH STRETCH
ACRY GLITTER CLEAR	GLITTER MIX BASE
ACRY REDUCER	COMPATIBLE AID FOR VISCOSITY MODIFICATION





## LITHO TRANSFER SYSTEMS

<b>AQUATONE WATERBASED PVC FREE PHTHALATE FREE</b>	<b>PVC FREE PHTHALATE FREE</b>
AQUATONE LITHO WHITE- AQL- 70	PREMIUM LITHO WHITE
AQUATONE PRINTABLE ADHESIVE AQL-71	SUPER BACK -UP GEL
LITHOFIX-ISOCURE-70	HARDENER FOR LITHO WHITE
AQUATONE GLITTER CLEAR GEL	GLITTER MIX BASE
AQUATONE TAGLESS ADHESIVE-AQT -90	BACK- UP ADHESIVE FOR SCREEN TRANSFERS

<b>NYLOBOND SOLVENT BASED -PVC FREE /PHTHALATE FREE</b>	<b>PVC FREE PHTHALATE FREE</b>
NYLOBOND LITHO WHITE	FOR LOW TEMPERATURE LITHO TRANSFER ON SYNTHETIC WAS REPELLANT FABRICS LIKE NYLONS ETC
NYLOBOND FLEXI WHITE	SOLVENT BASED BACKUP WHITE
NYLOBOND FLEXI CLEAR	SOLVENT BASED BACKUP CLEAR
NYLOBOND NB -201	SOLVENT BASED PRINTABLE ADHESIVE -WIDE RANGES OF FABRICS FOR LOW TEMPERATURES TRANSFER. COMPATIBLE AS A BACK PLASTISOLS (UNDER GUIDANCE)
NYLOBOND NB203	SOLVENT BASED ADHESIVE WITH STRETCH AND CREASE RESISTANCE, VERY SUITABLE FOR IRON TRANSFER.
NYLOBOND NB- 206	SOLVENT BASED ADHESIVE FOR TRANSFER ON 100 PERCENT POLYESTER AT LOW TEMPERATURE
HM80	- DYE MIGRATION SOLUTION
HM29	COMPATIBLE TRANSFER POWDER
HM65	COMPATIBLE TRANSFER POWDER
	COMPATIBLE TRANSFER POWDER

<b>PVC BASED SOLVENT BASED</b>	
NEW VINYL TRANSFER WHITE	SOLVENT BASED WHITE FOR LOW TEMPERATURE TRANSFER OF RAINWEAR ETC
NEW VINYL TRANSFER CLEAR	SOLVENT BASED CLEAR AS BACK -UP
NEW VINYL PRINTABLE ADHESIVE	SOLVENT BASED ADHESIVE FOR SUPERBOND AT EDGES AND FOR DURABILITY

<b>TRANSFER MEDIA</b>	
PETTRANS -HP	READY FILM FOR LITHO PRINTS
PETTRANS- Cs	READY FILM FOR LITHO PRINTS





## **LITHO TRANSFER SYSTEM (Last Section)**

### **FOR LITHO/ SCREEN TRANSFER PRINTING**

AQUATONE LITHO WHITE	AQL-70
AQUATONE PRINTABLE ADHESIVE	AQL-71
LITHOFIX HARDNER	ISOCURE-70
AQUABOND TAGLESS ADHESIVE	AQT-90
AQUASOL SUBLI COAT FOR COTTON /CANVAS	AQSC CLEAR

### **NON PVC LITHO TRANSFERS- AQUATONE SYSTEM**

PAPER- ANY TRANSFER PAPER SUITABLE FOR RELEASE OF WATERBASED BACKUPS- OUR SYSTEM IS SUCCESSFUL WITH TIOS OF ARJO WIGGINS AND OUR TRANSFER FILMS. PRE-SHRINK THE PAPER AT 100 DEG C PREFERABLY TO STABILISE THE PAPER

LITHOGRAPHIC PRINTING.....USE OUR NON PVC HEAT TRANSFER OFFSET INK SET OF CMYK - PRINT WITH DUE PRECAUTIONS AS HIGHLIGHTED IN OUR NORMAL HEAT TRANSFER INK SET (DATA SHEET ATTACHED). ALLOW THE OFFSET PRINT TO SET ON THE PAPER OR FILM UNTIL THE PRINT IS SMUDGE- FREE - THIS MAY REQUIRE AIR DRYING OF THE PRINTED SHEETS FOR 3 TO 4 DAYS DEPENDING ON THE AMBIENT TEMPERATURE AND RELATIVE HUMIDITY IN THE PRINT SHOP /STORAGE AREA.

BACK-UP PRINTING - PRINT AQUATONE LITHO WHITE AQL - 70 (100PARTS) MIXED WITH (10 PARTS) ISOCURE- 70- THIRU 32 T POLYESTER MESH. - TWO STROKES AND CURE

THE WHITE PRINT AT 120 DEGREES CENTIGRADE THRU CONVEYOR DRYER. PRINT AQUATONE PRINTABLE ADHESIVE AQL-71 THRU 32T TO REGISTER OVER THE WHITE - SINGLE STROKE AND CURE THE PRINT AT 120 DEGRESS C THRU CONVEYOR DRYER. TO ENSSURE THAT THE BACKUP PRINTS ARE DRY TO TOUCH.

TRANSFER PARAMETERS - PRINTS ON PAPER AND FILM CAN BE FUSED AT 180 DEG C FOR 8 TO 10 SECONDS AT 6 BAR PRESSURE -COLD PEEL





## **MAGIC INKS- VALUE ADDITION FOR GARMENT DECORATION**

### **AVAILABLE IN FOLLOWING INK SYSTEM FOR GARMENTS DECORATION**

- ? NON PVC OIL BASED (PHTHALATE FREE)
- ? NON PVC WATERBASED (PHTHALATE FREE)
- ? PVC BASED PHTHALATE FREE
- ? PVC BASED PHTHALATE FREE

**PHOTOCHROMIC TEXTILE INKS**

**STIMULUS OF SUNLIGHT AND UV LAMP**

**THERMOCHROMIC TEXTILE INKS**

**STIMULUS OF TEMPERATURE**

**PHOSPHORESCENT -GLOW IN DARK  
TEXTILE INKS**

**STIMULUS OF NATURAL AND ARTIFICAL  
LIGHT ABSORPTION**

**DISCO COLORS -TEXTILE INKS**

**REFLECTIVE INKS -TEXTILE INKS**  
Plotter cut

**HYDROCHROMIC INK- TEXTILE INKS**

**STIMULUS OF WATER OR MOISTURE**

**BLEEDING INKS - TEXTILE INKS**

**COLOR CHANGE BY WASHING**

**PERFUMED INKS-TEXTILE INKS**







## DYE MIGRATION SOLUTIONS

Dye migration or bleeding occurs on polyester and or poly/cotton garments when the Disperse dye in polyester fiber is heated to temperatures in excess of 129° c causing it to sublimate. (The dye actually changes from a solid to a gas.) When plastisol inks or any ink system are heated at temperatures higher than 129°c (Note: Most plastisol ins are cured at 160 deg c.) the dyes are released into the ink causing a discoloration of the ink system.

## DIRECT AND TRANSFER PRINTING OPTIONS TO BLOCK DYE MIGRATION

<b>Pvc based plastisols</b>  <b>PLASTISOLS Dye block white</b>	<b>For direct prints on disperse dyed fabrics. Pre-test recommended</b>
<b>PLASTISOLS Dye block gray</b>	<b>For underbasing on disperse dyed fabrics. Pre-test recommended</b>
<b>Pvc based phthalate free</b>	
<b>PHF-Dye block gray LBEP LOW BLEED WHITE</b>	<b>Use as An under base Use as an underbase and as a standalone white - test on all fabrics before production.</b>
<b>Non pvc solvent based</b>	
<b>Nylobond Dye block white</b>	<b>For direct and transfer prints</b>
<b>Nylobond Dye block gray</b>	<b>For direct and transfer prints</b>
<b>NON PVC H.S INK SYSTEM STRETCH INK WITH NYLOBOND NB- 206 BACKUP</b>	<b>Low temp heat transfers onto 100% polyester with migrating dyes</b>





## **MISCELLANEOUS**

### **FLOCKING BASES**

#### **DIRECT FLOCK WATERBASE**

- FLOCK PASTE - BH
- SUPER FLOCK-TR FOR STRETCH FABRICS

#### **DIRECT FLOCK OIL BASE**

- O-GEL
- SUPER CP

#### **TRANSFER PRINT FLOCK WATERBASE**

- SUPER FLOCKTRANS-TO PRINT ON FLOCK SHEETS AND TRANSFER .

#### **TRANSFER PRINT FLOCK OIL BASE**

- SUPER CP-FOR FLOCK TRANSFER FROM SHEETS .

### **FOILING BASES**

#### **WATERBASE FOIL PASTE**

- FOIL GEL -K- TO PRINT ON FABRIC AND FOIL
- FOIL GEL -KR- TO PRINT ON FABRIC AND FOIL
- SUPER FOILTRANS -FOR PRINTING ON 24 MIC HEAT TRANS FOIL

#### **BEAD BASE**

##### **OIL BASE**

- O - GEL
- ECO H.D. GEL
- PLASTISOL- AK CLEAR

#### **GLITTERS SHIMMERS METTALICS BASE**

##### **OIL BASE**

- D-GEL
- THERMOLINE CLEAR
- O - GEL





## PRINTING PROCESS OPTIONS

### SCREEN / FLEXO / DRY OFFSET / WET-OFFSET / GRAVURE

### INK TYPES- SOLVENT / WATER BASED / OIL BASED / UV CURED

- THERMOCHROMIC
- PHOTOCHROMIC
- PENETRATING INKS
- OPTICALLY VARIABLE
- I.R. INVISIBLE
- RUB AND REVEAL
- BI-FLUORESCENT
- UP-CONVERTER
- SECONDARY FLUORESCENT
- FUGITIVE INKS - GLOW ADDITIVE
- IRRIDESCENT INKS
- SCRATCH CARD OFFSET
- RUB AND REVEAL
- SYMPATHETIC
- DIP AND SHOW
- MYSTIK INK
- SOLVENT BLEED
- TACTILE INKS
- PIEZO CHROMIC
- WATERMARK OFFSET
- SCRATCH AND SNIFF
- RUB AND SMELL
- LATENT IMAGE
- ANTI-PHOTOCOPY
- METAMERIC COLORS
- HYDROCHROMIC
- MAGIC BLEED INKS
- GLOW IN DARK
- CONDUCTIVE
- MAGNETIC
- CHEMICAL ACTIVATED







## ECO COMPLIANCE RESTRICTED/BANNED CHEMICALS

- POLYVINYL CHLORIDE
- BANNED AMINES
- BANNED PHTHALATES
- CARCINOGENIC DYES
- HEAVY METALS
- FORMALDEHYDE
- LEAD
- AZO COMPOUNDS
- PCP/TCP
- ORGANATINS
- SUBSTANCES OF VERY HIGH CONCERN



**Also Member of Color Society Mumbai and Society of Dyers and Colorists - U.K.**

Unit No. 11, Rajeev Industrial Estate, Moon Mill Compound, T. J. Road, Sewri (W),  
Mumbai - 400 015. Tel.: 2412 1272 Cell : 98200 38704 • Email : [akil\\_contractor@yahoo.com](mailto:akil_contractor@yahoo.com)