TIFLEX
marquer le monde

SCREEN PRINTING
TEXTILE INK

CREATIVE INKS
PHTHALATE FREE

The following inks displayed in the « **CREATIVE SERIE** » are **PHTHALATE FREE** and can be cured at LOW TEMPERATURE (140°C).

Special effects can be created as a single base or in association with the HIMALAYA inks.
The **CREATIVE inks** can be mixed with HIMALAYA serie inks such as Sparkled gold (ref. 39H4094), Sparkled silver (ref. 39H4091), Shiny elastic ink (ref. 39H4092), stretchable ink (ref. 39C4097), soft base (ref. 39H4068), printable adhesive (ref. 3864042) from the HIMALAYA serie.

The CREATIVE Serie is the best choice to manage attractive visual effects to hightlight your imagination.

Soft base CREATIVE 39L4005

This base can be overprinted on HIMALAYA under layer of inks to obtain a soft and satin finish of a design.
It can be also mixed with the HIMALAYA inks to increase the final touch of the prints.
Mesh: 62 to 80 threads/cm
Curing: 2 min at 140°C

Puff base CREATIVE 39L4006

Mixed with the HIMALAYA ink, this base will puff to manage a 3D effect after curing.
Puff mix : max 50% base ink to maintain the washing resistance /50% colour ink.
The volume of the puff mix will depend on the mesh used.
According to the equipment used, the suitable drying time and temperature should be settled to get the best puff effect.
Mesh: 21 to 62 threads/cm
Curing: 2 min at 140°C
Following design printed with mesh 62th.cm

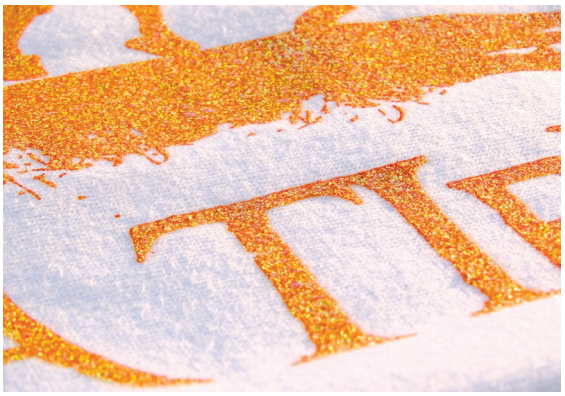
Transfer puff base CREATIVE 39L4007

This base should be mixed with HIMALAYA standard inks or thinner base. Max 50% of transfer puff base in the mix.
The mix can be printed directly on the carrier or alternatively over HIMALAYA inks printed as a first layer. In that particular case, some printing areas will be highlighted to create a 3D effect.
Mesh : 21 to 62 threads/cm
Gel time of the «puff» transfer: from 30 to 60 sec at 105°C/110°C (Ink should not puff on the carrier).
Transfer parameters:
Temperature of the press: 190°C
Pressure: from 5 to 6 bars
Pressing time: from 4 to 10 sec
Transfer conditions must be defined by preliminary trials in order to find a compromise between expansion and transfer solidity. **Preliminary trials must be done.**
A 3D design can be obtained with a soft and plain touch surface. The 3D effects will be optimized thanks to spot prints.
Printing protocol for the following print. Total of layers needed : 4
Mesh 49 th.cm
1st Layer: HIMALAYA black (**ref 39H2044**) - Dryer 1 min at 110°C
2nd Layer: mix of HIMALAYA yellow gold (**ref 39H2004**) (80%)
+ HIMALAYA white (**ref 39H2000**) (20%)
Dryer 1 min at 110°C
3rd Layer: HIMALAYA solid red (**ref 39H2013**)
Dryer 1 min at 110°C
Mesh 21 th.cm
4th Layer: mix of Transfer Puff base CREA (**ref 39L4007**) (50%)+ HIMALAYA shinny elastic base (**ref 39H4092**) (25%) + HIMALAYA thinner base (**ref 39H2066**) (25%)
Powdering with PET powder (**ref 3863327**)

Pearl varnish CREATIVE 39L4041

This varnish can be used alone to get a genuine pearl effect.
For coloured finish, we recommend to add 5% of HIMALAYA ink in the varnish to get various shades of mother of pearl. Prints will not be opaque.
Mesh: 21 to 36 threads/cm
Curing: 2 mn at 140°C
Following design printed with mesh 21th.cm

Sparkled varnish CREATIVE 39L4043



Used alone, the print of the varnish will look like a glacier.
Printed over the HIMALAYA inks, the colourless glitters will match and sparkle in accordance with the colours of the under layer.
Mesh: 21 to 36 threads/cm
Curing: 2 mn at 140°C
Following design printed with mesh 21th.cm

Disco varnish CREATIVE 39L4045

The varnish is colorless under room light. Under “the black light”, the design will be revealed in a purple-blue shade and may change according the light effects.
This varnish can also be used to mark and position pieces of textile or to fight against counterfeiting.
Mesh: 62 to 120 threads/cm
Curing: 2 mn at 140°C
Following design printed with mesh 62th.cm

Luminescent aka «Glow in the dark» CREATIVE 39L4047

The white-yellow luminescent ink stores the light and will release it in the dark in a green shade. The luminescent ink is not opaque et should be printed on a light fabric or alternatively with a white under layer (HIMALAYA white series)
Mesh: 48 threads/cm
Curing: 2 mn at 140°C
Following design printed with mesh 48th.cm

Reflective CREATIVE 39L4049

Under the day light the colour of the prints will be grey. In the night, the light or headlights will reflect the design printed in silver colour.
Mesh: 21 threads/cm
Curing: 2 mn at 140°C.
Following design printed with mesh 48th.cm

Neon colours CREATIVE

Yellow 39L4085, Orange 39L4086,
Red 39L4087, Pink 39L4088,
Green 39L4089

These inks are not opaque and must be printed on a light fabric or over a white underlayer (Himalaya white).
Mesh: 48 to 62 threads/cm
Curing: 2 mn at 140°C
Following designs printed with mesh 48th.cm

Chalk effect CREATIVE 39L4090

The chalk effect will consist in creating a «black board» on a tee shirt or a fabric. Then it will be possible to write down a message with a chalk then erase it with a rag, with a wet sponge or by washing the fabric.
Mesh: **62 threads/cm ONLY**
Curing: 2 mn at 140°C
Following design printed with mesh 62th.cm

Metal silver CREATIVE 39L4091

The printed metal silver ink looks like a sediment of shiny silver. This ink will be printed directly on the fabric and cannot be transfered on textile.
Mesh: 48 to 62 threads/cm
Curing: 2 mn at 140°C.
Following design printed with mesh 62th.cm

Silver reflective CREATIVE 39L4092

Under the daylight, the print will bring a sparkled silver finish on the garment while during the night the marble glass contained in the ink will reflect the lights.
Mesh: 21 threads/cm
Curing: 2 min at 140°C.
Following design printed with mesh 21th.cm

Metal gold CREATIVE 39L4094

Stable shade: very shiny gold ink.
Mesh: 21 to 36 threads/cm
Curing: 2 mn at 140°C
Following design printed with mesh 21th.cm

Toxicology

The special effects inks from the serie **CREATIVE** are PHTHALATE FREE.

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