

VIBRANT
COLORS
FOR
ELEGANT
PRODUCTS



www.uraschemical.com

SCREEN PRINTING INKS

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about us

As a manufacturer, Uras Chemical produces inks and chemicals for different types of textile printing methods.

At global markets, Uras expanded its export network to 29 countries with high product quality.

Uras is one of the few powerful manufacturers which produces its own inks, raw materials and binders.



Uras offers a wide range of products for both conventional and digital printing and also manufactures auxiliary chemicals for the textile printing market.

- Screen Printing
- Digital Sublimation Printing
- Digital Reactive Printing
- Rotary Printing
- Pigment Textile Printing

certifications



Uras Chemical Products has been certified as **ZDHC Level 3** indicating that they can be used in a sustainable textile production.

The Eco Passport certificate, which is one of the Oeko-Tex certificates, is a passport taken when it is determined that the damages to human health from the chemicals, colorants and auxiliaries used in the textile industry production process are analyzed in accordance with the Eco pass standard (author in version certificate) and determined as "ecological son. Both brands and manufacturers value ECO PASSPORT as reliable proof of sustainable textile and leather production.

ZDHC is a global center of excellence for chemical management in the textile and shoe industries.



ISO 9001: 2015 Quality Management Systems (QMS) is defined as an internationally accepted standard. With more than 1.1 million certificates issued to organizations in 178 countries, it is the most widely used QMS standard in the world. With its risk-based approach, ISO 9001 provides a set of frameworks and principles that provide a discreet approach to the management of our organization for the continued satisfaction of customers and other stakeholders. ISO 9001 provides the foundation for providing an effective product or service to business partners.

Uras GOTS Certificate has been updated to Version 6



The Global Organic Textile Standard (GOTS) is recognized as the world's leading processing standard for textile products made from organic fibres to finished products. Products undergo toxicological tests in accordance with the GOTS standard (version 6.0) are certified by GOTS certification that they do not harm human health or environment.

screen printing

Uras invites you to a screen printing world with a complete range of premium inks for any kind of fabric and special effects.

The elasticity, softness, color resistance and purity of Uras products make it possible to live in everyday clothes and all kinds of fabrics.

Thanks to the thin and tight structure of particles, great progress has been observed in the results of production processes. These observations have been proven by tests.



- Customized ink options
- Higher mesh counts
- Less screens
- Low curing time
- Guaranteed results

WATER BASED INKS

- **excellent elasticity**
- **high washing fastness**
- **excellent rubbing fastness**
- **high color yield**
- **non-sticky surface**

- Whites
- Clear Bases
- Pigment
Printing Bases
- Discharge
Bases
- Special Effects
- Auxiliaries
- Pigments
- Fluorescent
Pigments



whites

- *excellent elasticity
- *high washing fastness
- *excellent rubbing fastness

- *non-sticky surface
- *high color yield
- *non-clogging chemical content maintains continuous machine run

| | S 20 WHITE | SW 20 WHITE | TB WHITE | SE 20 WHITE |
|---------------------|---|---|--|--|
| DESCRIPTION | <p>S20 WHITE is a high performance water based hybrid white for underlay printing and final white printing. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> | <p>SW20 WHITE is a non-clogging high performance white for high number mesh. It is suitable for CMYK printing. It provides soft-hand-feel white for photographic prints.</p> <p>ZDHC Level 3 GOTS</p> | <p>TB WHITE is a self curable, elastic white for table printing. (Washing test should be done 24 hours after printing. Please do not stretch before 24 hours)</p> <p>ZDHC Level 3 GOTS</p> | <p>SE 20 WHITE is an elastic, single component opaque white with soft and silky hand feel and non-sticky surface. This product will give you the whitest white.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *excellent coverage *long working time *excellent softness *perfect silky touch *high washing fastness | <ul style="list-style-type: none"> *high workability performance on high mesh screen *long working time *excellent softness *can be used up to 90 mesh *durable on screen *delivers sharp edges | <ul style="list-style-type: none"> *curing at room temperature *low curing *excellent opacity *excellent coverage | <ul style="list-style-type: none"> *excellent opacity *excellent coverage *long working time *excellent softness *perfect silky touch *the whitest white |
| MESH NO. | 43-62 mm. | 55-90 mm. | 43-55 mm. | 43-62 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | self curable at room temperature | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 60-70 Shore U Type | 70-80 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

Water Based Inks

| WET ON WET WHITE | WX WHITE | GP 20 WHITE | GW 20 WHITE | VP 20 WHITE |
|---|--|--|--|---|
| <p>WET ON WET WHITE is a high performance water based white for wet on wet printing process. Developed to be used for underlay printing for wet on wet process and final white printing. It has low viscosity.</p> <p>ZDHC Level 3</p> | <p>WX WHITE is a good performance polyurethane-water based white for underlay printing and final white printing. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> | <p>GP20 WHITE is a high performance polyurethane-water based white for underlay printing and final white printing. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> | <p>GW20 WHITE is a non-clogging high performance polyurethane based white for high number mesh. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> | <p>VP20 WHITE is a non-clogging good performance polyurethane based white for high number mesh. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> |
| <ul style="list-style-type: none"> *high washing fastness *long working time *excellent softness *perfect silky touch | <ul style="list-style-type: none"> *excellent coverage *long working time *excellent softness *perfect silky touch *excellent all fastnesses *high working performance | <ul style="list-style-type: none"> *excellent coverage *long working time *excellent softness *perfect silky touch *excellent all fastnesses *high working performance | <ul style="list-style-type: none"> *high working performance on high mesh screen *long working time *excellent softness *can be used up to 120 mesh *durable on screen *delivers sharp edges | <ul style="list-style-type: none"> *excellent coverage *long working time *excellent softness *perfect silky touch *can be used up to 90 mesh *high working performance |
| 62-77 mm. | 43-62 mm. | 43-62 mm. | 62-120 mm. | 62-90 mm. |
| ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| Water and sponge | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

clear bases

| | S 10 CLEAR | SW 10 CLEAR | TB CLEAR | SE 10 CLEAR |
|---------------------|---|---|---|---|
| DESCRIPTION | <p>S10 CLEAR is a high performance water based hybrid clear with high opacity. Can be blended with any water based pigment and printed on cotton, polyester and polyester blend fabrics. Can be used for underlay printing as an elastic base. Increases the durability of print and productivity of colors.</p> <p>ZDHC Level 3 GOTS</p> | <p>SW10 CLEAR is a non-clogging high performance clear for high number mesh. Suitable for CMYK printing. Can be blended with any water based pigment.</p> <p>ZDHC Level 3 GOTS</p> | <p>Elastic and soft texture self curable ink for table printing without any additives. Please make the wash tests after 48 hours and please do not stretch the print before washing process. TB CLEAR increases color yield and elasticity when used together with TB WHITE.</p> <p>ZDHC Level 3 GOTS</p> | <p>SE 10 CLEAR is a water based product for getting more color yield. Elastic, soft-hand-feel and non-sticky surface, long open time. This product will give you silky touch feeling.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *excellent elasticity *high washing fastness *excellent rubbing fastness *long working time *soft and silky touch *non-clogging chemical content maintains continuous machine run *high color yield *increases the durability of print and productivity of colors *also provides extra elasticity by mixing with S 20 WHITE | <ul style="list-style-type: none"> *high elasticity *high washing fastness *excellent rubbing fastness *excellent softness *can be used up to 90 mesh *durable on screen *delivers sharp edges *non-clogging chemical content maintains continuous machine run *high working performance *long working time | <ul style="list-style-type: none"> *curing at room temperature *excellent softness *non-tacky surface *extra elasticity | <ul style="list-style-type: none"> *excellent elasticity *high washing fastness *excellent rubbing fastness *non-clogging chemical content maintains continuous machine run *long working time *high color yield *increases the durability of print and productivity of colors |
| MESH NO. | 43-62 mm. | 55-90 mm. | 43-55 mm. | 43-62 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | self curable in 48 hours | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 55-60 Shore U Type | 60-70 Shore U Type | 55-60 Shore U Type | 55-60 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

Water Based Inks ●

| S10 MATT | WX MATT CLEAR | ND CLEAR | WX CLEAR |
|---|---|---|--|
| <p>S10 MATT is a high performance water based matt clear with high opacity. Can be blended with any water based pigment and printed on cotton, polyester and polyester blend fabrics. Can be used for underlay printing as an elastic base.</p> <p>ZDHC Level 3</p> | <p>WX MATT CLEAR is a high performance polyurethane-water based matt clear for underlay printing and final white/clear mixing printing. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> | <p>A special clear base for nylon and denim fabrics with high washing resistance.</p> | <p>WX CLEAR is a good performance polyurethane-water based clear for underlay printing and final white/clear mixing printing. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3</p> |
| <p>*provides a non-shiny surface, matt and opaque finish *excellent elasticity *high washing fastness *excellent rubbing fastness *long working time *soft and silky touch</p> | <p>*provides a non-shiny surface, matt and opaque finish *excellent elasticity *high washing fastness *excellent rubbing fastness *soft and silky touch</p> | <p>*it is used for nylon and denim fabrics</p> | <p>*excellent elasticity *high washing fastness *excellent rubbing fastness *soft and silky touch *long working time *high color yield</p> |
| 43-62 mm. | 43-62 mm. | 37-43 mm. | 43-62 mm. |
| ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 100°C - 1min. 1,5-2% A 25 Fixator needs to be added. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| 55-60 Shore U Type | 55-60 Shore U Type | 55-60 Shore U Type | 55-60 Shore U Type |
| Water and sponge | Water and sponge | Water and sponge | Water and sponge |

clear bases

WET ON WET CLEAR

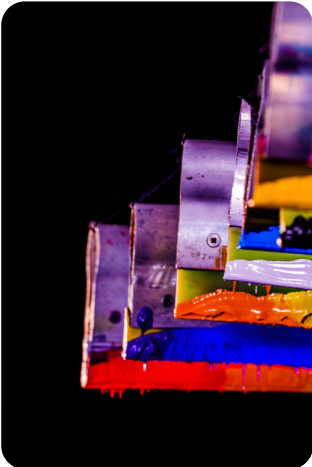
GP 10 CLEAR

GW 10 CLEAR

VP 10 CLEAR

| DESCRIPTION | <p>WET ON WET CLEAR is a non-tacky, high performance clear. Can be applied wet on wet during printing process. Maintains high elasticity. Totally suitable for CMYK printing. No need flash cure between colors.</p> <p>ZDHC Level 3</p> | <p>GP 10 CLEAR is a high performance polyurethane-water based clear for underlay printing and final white/clear mixing printing. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> | <p>GW10 CLEAR is a non-clogging high performance clear for high number mesh. Suitable for CMYK printing. Can be blended with any water based pigment. It can be mixed with almost all types of whites and provides long working time.</p> <p>ZDHC Level 3 GOTS</p> | <p>VP10 CLEAR is a non-clogging good performance polyurethane based clear for high number mesh. Can be printed on cotton, polyester and polyester blend fabrics.</p> <p>ZDHC Level 3 GOTS</p> |
|--------------|---|---|--|--|
| PERFORMANCE | <ul style="list-style-type: none"> *excellent elasticity *high washing fastness *excellent rubbing fastness *excellent softness and perfect silky touch | <ul style="list-style-type: none"> *excellent elasticity *high washing fastness *excellent rubbing fastness *soft and silky touch *long working time *high color yield *high working performance | <ul style="list-style-type: none"> *high elasticity *high washing fastness *high working performance *long working time *can be used up to 120 mesh *durable on screen *delivers sharp edges *non-clogging chemical content maintains continuous machine run | <ul style="list-style-type: none"> *excellent elasticity *high washing fastness *excellent rubbing fastness *high working performance *long working time *can be used with up to 77 mesh *durable on screen *delivers sharp edges *non-clogging chemical content maintains continuous machine run |
| MESH NO. | 77-90 mm. | 43-62 mm. | 55-120 mm. | 62-77 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 55-60 Shore U Type | 55-60 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

pigment printing bases



| | U 300 | U 400 | POLYESTER PASTE |
|---------------------|--|---|---|
| DESCRIPTION | Vivid colors and soft-hand-feel effects for light color garments. ZDHC Level 3 GOTS | It is used for CMYK printings. Also gives soft-hand-feel effect. ZDHC Level 3 GOTS | Vivid colors for light polyester garments. ZDHC Level 3 |
| PERFORMANCE | *high washing fastness *extra soft *for white and light color fabrics | *high washing fastness *extra soft *for white and light color fabrics | *suitable for polyester-cotton blended fabrics *high washing fastness *extra soft |
| MESH NO. | 43-77 mm. | 43-77 mm. | 43-77 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 55-60 Shore U Type | 55-60 Shore U Type | 55-60 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge |

discharge bases

| | EP 10 CLEAR | EP 20 WHITE | EP 30 SUPER WHITE | ACTIVATOR |
|------------------------|---|---|--|---|
| DESCRIPTION | <p>It is a formaldehyde free discharge clear base with a soft-hand-feel. Provides vivid colors. It shows excellent discharge features for the dark colored fabrics.</p> <p>ZDHC Level 3</p> | <p>It is a formaldehyde free discharge white with a soft-hand-feel. It shows excellent discharge features for the dark colored fabrics.</p> <p>ZDHC Level 3</p> | <p>It is a formaldehyde free discharge super white with a soft-hand-feel. It shows excellent discharge features for the dark colored fabrics.</p> <p>ZDHC Level 3</p> | <p>ACTIVATOR is in powder form and used for activating ecologic discharge pastes like EP10, EP20 and EP30.</p> <p>*Well dissolves *Non-formaldehyde</p> |
| PERFORMANCE | <p>*for production of discharge prints without formaldehyde *in conformity with ecological standards *high washing fastness *soft touching</p> | <p>*for production of discharge prints without formaldehyde *in conformity with ecological standards *high washing fastness *soft touching</p> | <p>*for production of discharge prints without formaldehyde *in conformity with ecological standards *high washing fastness *soft touching *superior coverage *the whitest white</p> | |
| MESH NO. | 43-62 mm. | 43-62 mm. | 43-62 mm. | |
| CURING | 160°C-170°C - 1.5-2min. | 160°C-170°C - 1.5-2min. | 160°C-170°C - 1.5-2min. | |
| SQUEEGE | 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type | |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | |
| ADDITIONAL INFO | 5% Activator (for EP 10, EP 20, EP 30 discharge) should be added into the mixture and has to be mixed well. | 5% Activator (for EP 10, EP 20, EP 30 discharge) should be added into the mixture and has to be mixed well. | 5% Activator (for EP 10, EP 20, EP 30 discharge) should be added into the mixture and has to be mixed well. | |

Water Based Inks ●

| D 10 CLEAR | D 20 WHITE | D 30 SUPER WHITE | DECROLINE |
|---|---|---|---|
| It is a classic discharge clear base with vivid color and soft-hand-feel effect. | It is a classic discharge white with soft-hand-feel effect. It shows excellent discharge features for the dark colored fabrics. | It is a classic extra white discharge with soft-hand-feel effect. | DECROLINE is an activator in powder form used for activating classic discharge pastes like D10, D20 and D30. *Well dissolves *Contains formaldehyde |
| *manufactured for very soft touching prints *excellent washing fastness *dechlorine has to be added before printing and has to be mixed well *dechlorine contains formaldehyde | *manufactured for very soft touching prints *excellent washing fastness *dechlorine has to be added before printing and has to be mixed well *dechlorine contains formaldehyde | *manufactured for very soft touching prints *excellent washing fastness *dechlorine has to be added before printing and has to be mixed well *superior coverage *the whitest white *dechlorine contains formaldehyde | |
| 43-62 mm | 43-62 mm. | 43-62 mm. | |
| 160°C-170°C - 1.5-2min. | 160°C-170°C - 1.5-2min. | 160°C-170°C - 1.5-2min. | |
| 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type | |
| Water and sponge | Water and sponge | Water and sponge | |
| 5% Declorine (for D 10, D 20, D 30 discharge) should be added into the mixture. | 5% Declorine (for D 10, D 20, D 30 discharge) should be added into the mixture. | 5% Declorine (for D 10, D 20, D 30 discharge) should be added into the mixture. | |



special effects

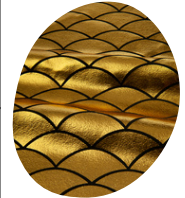
| | PEARL PASTE | GLITTER BASE | PUFF HR 100 M | PUFF HR 200 S | PHOSPHOR PASTE |
|--------------|---|---|--|--|--|
| DESCRIPTION | <p>It is a pearl paste with elastic and soft-handed pearl effect.</p> <p>ZDHC Level 3</p> | <p>It is a glitter paste with excellent brightness. It shines both before and after washing.</p> <p>ZDHC Level 3 GOTS</p> | <p>It is a puff paste with elastic and soft-hand-feel puff effect.</p> <p>ZDHC Level 3</p> | <p>It is a puff paste with elastic and soft-hand-feel suede puff effect. It provides high yields on puff effect.</p> <p>ZDHC Level 3 GOTS</p> | <p>It is a phosphoric paste reflects light in the dark.</p> |
| PERFORMANCE | <p>*high elasticity and softness *excellent pearl effect *easy to apply</p> | <p>*excellent brightness *high washing fastness</p> | <p>*puff effect with smooth surface *does not spill after printing *high elasticity *high washing fastness</p> | <p>*high concentration *puff effect with smooth surface *does not spill after printing *high elasticity *high washing fastness</p> | <p>*to achieve the colorful phosphorus effect, a certain amount of pigment should be added</p> |
| MESH NO. | 43-55 mm. | 15-27 mm. | 32-55 mm. | 32-55 mm. | 43-62 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

Water Based Inks

| FLOCK ADHESIVE | FOIL ADHESIVE | ANTI FOIL GEL | CR 20 WHITE | CR 10 CLEAR |
|--|--|---|---|---|
| <p>A flock printing adhesive with high washing fastness. Bonds the flock particules strongly on the fabric.</p> <p>ZDHC Level 3</p> | <p>A foil adhesive with maximum brightness, excellent elasticity and high fastness.</p> <p>ZDHC Level 3 GOTS</p> | <p>It is used for anti-foil application.</p> <p>ZDHC Level 3</p> | <p>It is a water based white with the best cracking effect.</p> <p>ZDHC Level 3</p> | <p>It is a water based clear with the best vivid color in cracking effect.</p> <p>ZDHC Level 3</p> |
| <p>*excellent flock print effect *high washing fastness *elastic soft hand feel *does not spill after the print *2-3% FLOCK FIXATOR should be used</p> | <p>*premium elasticity *high washing fastness *grips the foil perfectly *provides foil to be easily peeled *foil comes off easily *160°C-180°C and 4-6 bars pressure: 7-10 sec for hand press or 15-25 sec for continuous press</p> | <p>*high anti foiling performance. *2% A 25 CATALYST can be added to increase the performance.</p> | <p>*creates deep cracks *high coverage *high washing performance *keeps cracking effect after washing *does not spill after the print</p> | <p>*creates deep cracks *high coverage *high washing performance *keeps cracking effect after washing *does not spill after the print</p> |
| 34-43 mm. | 34-55 mm. | 34-55 mm. | 34-55 mm. | 34-55 mm. |
| ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| Water and sponge | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

special effects

| | METALLIC BASE | METALLIC GOLD | METALLIC COPPER | METALLIC SILVER |
|---------------------|---|--|--|--|
| DESCRIPTION | <p>Metallic effect without color. Can be mixed with any desired metallic color in powder form.</p> <p>ZDHC Level 3</p> | <p>For elastic metallic gold effect. It provides excellent brightness.</p> <p>ZDHC Level 3</p> | <p>For elastic metallic copper effect. It provides excellent brightness.</p> <p>ZDHC Level 3</p> | <p>For elastic metallic silver effect. It provides excellent brightness.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *maximum brightness *excellent elasticity *soft-touch | <ul style="list-style-type: none"> *ready to use (one component-mixed metallic gold powder) *excellent brightness *very soft *non-darkening *non-oxidation *non-heavy metals | <ul style="list-style-type: none"> *ready to use (one component-mixed metallic copper powder) *excellent brightness *very soft *non-darkening *non-oxidation *non-heavy metals | <ul style="list-style-type: none"> *ready to use (one component-mixed metallic silver powder) *excellent brightness *very soft *non-darkening *non-oxidation *non-heavy metals |
| MESH NO. | 34-61 mm. | 34-55 mm. | 34-55 mm. | 34-55 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 50-60 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge |



auxiliaries

| | STRETCH BASE | DARK UNDERCOAT PASTE | RETARDER GEL |
|---------------------|---|---|---|
| DESCRIPTION | <p>A clear base used to increase the elasticity of the ink on elastane fabrics. (eg. 1*1 rib knit fabrics)</p> <p>ZDHC Level 3</p> | <p>A water based printing paste suitable for dark 100% cotton fabrics. Up to 5% pigment can be added to the base.</p> <p>ZDHC Level 3</p> | <p>It is a clear gel form and used in the water based inks to increase workability.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *high elasticity *prevent the cracking of the final coat inks | <ul style="list-style-type: none"> *easily get colors covered in dark colored fabrics, especially red and reddish colors *non-elastic | <ul style="list-style-type: none"> *eliminates blocking on screen *long working time *high working performance *improves softness |
| MESH NO. | 43-62 mm. | 43-62 mm. | 43-62 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 50-60 Shore U Type | 50-60 Shore U Type | 50-60 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge |


Water Based Inks

EXTRA BARRIER PASTE

BARRIER PASTE

WX ANTIMIGRATION

GX ANTIMIGRATION

| | | | |
|---|--|--|--|
| <p>Water based anti-migration paste for polyester or fabrics contain polyester at different ratios.</p> <p>ZDHC Level 3 </p> | <p>It is used to prevent migration on base prints with less migration.</p> <p>ZDHC Level 3</p> | <p>A polyurethane based anti-migration paste for polyester or fabrics contain polyester at different ratios.</p> <p>ZDHC Level 3</p> | <p>A polyurethane based anti-migration paste for polyester or fabrics contain polyester at different ratios.</p> <p>ZDHC Level 3</p> |
| <p>*very good effect for polyester and sublimation fabrics *prevents migration *high performance</p> | <p>*good effect for polyester and sublimation fabrics *prevents migration</p> | <p>*very good effect for polyester and sublimation fabrics *prevents migration *excellent performance</p> | <p>*very good effect for polyester and sublimation fabrics *prevents migration *excellent performance</p> |
| 43-55 mm. | 43-55 mm. | 43-55 mm. | 43-55 mm. |
| ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| Water and sponge | Water and sponge | Water and sponge | Water and sponge |

auxiliaries

| | D 50 | D 40 | PTF THICKENER | HARDENER | SOFTENER PRO AL | A 25 FIXATOR | FFB 57 |
|--------------------|--|--|---|---|---|--|--|
| DESCRIPTION | It is a liquid form product and used for the water based inks. | A retarder for water based products. Provides long working time and blocks early curing on hot screens. ZDHC Level 3 | It is a liquid form thickener used for water based products. ZDHC Level 3 | A water based frame hardener. | A water based softener. | It is a cross linker for water based products to increase all fastnesses. Provides early curing and reduces the flash curing time. | It is a cross linker for water based products to increase all fastnesses. Provides early curing of prints and reduces the flash curing time. Milky appearance. |
| PERFORMANCE | *increases all fastnesses like washing, rubbing and elasticity *increases working on screen | *non-clogging *eliminates blocking and improves softness *increases print performance *provides easy working | *increases viscosity *high effectivity | *hardens the mold *molds used in emulsions provides high linking | *provides easy operation *increases dry rubbing fastness *high stability softener | *increases washing fastness, rubbing fastness, color productivity and reduces curing time | *increases rubbing fastness and washing fastness |

| | TABLE ADHESIVE | SD 88 | BONDSER C4 | BONDSER C4 CT | PERMANENT FABRIC ADHESIVE |
|--------------------|--|---|-----------------|-----------------------------|---|
| DESCRIPTION | Water base table adhesive in drums. ZDHC Level 3 | Blue emulsion. ZDHC Level 3 | Frame adhesive. | A frame adhesive catalyzer. | A table adhesive placed in aerosol tin. |



water based inks for digital printing

| | DW WHITE | UB CLEAR | DW (SOFT) CLEAR | DW SOFT WHITE | DW TOP COAT CLEAR | DW MATT CLEAR |
|---------------------|---|---|--|--|--|---|
| DESCRIPTION | DW WHITE is a high performance water based white for digital printing. It is the final white coat before printing digital pigments. | UB CLEAR is a high performance water based digital clear for printing light color fabrics. Digital pigments can be printed right after UB CLEAR is printed on the fabric. | DW (SOFT) CLEAR is a high performance water based clear for digital printing. It is printed under DW Soft White. The printing process should start with printing DW SOFT CLEAR | DW SOFT WHITE is a high performance water based white for achieving soft touch digital printing. It should be printed as two coats under DW White | DW TOP COAT CLEAR is a high performance water based top coat clear for digital printing. It should be printed as the top coat on digital pigment application. | DW MATT CLEAR is a high performance water based matt clear for digital printing. It should be printed as the top coat to achieve matt effect in digital printing. |
| PERFORMANCE | <ul style="list-style-type: none"> *high color yield *long working time *high washing fastness *vivid colors are achieved | <ul style="list-style-type: none"> *high color yield *long working time *high washing fastness *vivid colors are achieved | <ul style="list-style-type: none"> *long working time *vivid colors are achieved *excellent softness *perfect silky touch | <ul style="list-style-type: none"> *extra softness *perfect silky touch excellent coverage high washing fastness | <ul style="list-style-type: none"> *vivid colors are achieved *high color yield *excellent softness *perfect silky touch *long working time | <ul style="list-style-type: none"> *matt colors are achieved *high color yield *excellent softness *perfect silky touch *long working time |
| MESH NO. | 43-77 mm. | 43-77 mm. | 43-77 mm. | 43-62 mm. | 43-77 mm. | 43-77 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

water based inks for transfer printing

| | TR 20 TRANSFER WHITE | TR 10 TRANSFER CLEAR | TR 15 TRANSFER OPAQUE CLEAR | TR 50 TRANSFER BARRIER |
|---------------------|--|---|--|---|
| DESCRIPTION | It is a white colored transfer printing ink with high coverage, elastic, soft touch, used in transfer textile printing applications. | It is a transfer printing clear with high elasticity and color efficiency used in transfer textile printing applications. | It is a transfer opaque transparent with high elasticity which provides matt finish used in transfer textile printing applications. | It is a barrier paste developed to prevent migration from the fabric on bleeding fabrics such as polyester and semi-polyester used in transfer textile printing applications. |
| PERFORMANCE | <ul style="list-style-type: none"> *extra elasticity *excellent coverage *high washing fastness *high color yield *soft touch | <ul style="list-style-type: none"> *extra elasticity *high washing fastness *high color yield *soft touch | <ul style="list-style-type: none"> *extra elasticity *high washing fastness *high color yield *soft touch *matt finishing | <ul style="list-style-type: none"> *prevents bleeding *high resistance against migration *elastic |
| MESH NO. | 43-77 mm. | 43-77 mm. | 43-77 mm. | 43-55 mm. |
| FLASH CURING | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. | ~ 3 sec. |
| CURING | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. | 160°C-170°C/1.5-2min. 140°C-150°C/2-2.5min. |
| SQUEEGE | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type | 60-70 Shore U Type |
| CLEANING | Water and sponge | Water and sponge | Water and sponge | Water and sponge |

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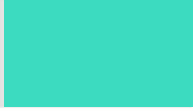







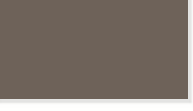

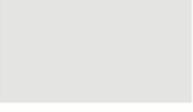


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for Uras Color Matcher

pigment colors

| | The main color is printed with 30 g./kg. Ana renk 30 g/kg ile basılmıştır. | The main color is printed with 1/9 expansion. Ana rengin 1/9 açılımı ile basılmıştır. | g./kg. | | Rubbing Fastness / Sürme Hasklığı ISO 105 - X19-2020 | Water Fastness / Su Hasklığı ISO 105 - E01-2013 | Perspiration Fastness / Ter Hasklığı ISO 105 - E04-2013 | Washing Fastness / Yıkama Hasklığı ISO 105 - C06-2010 | Light Fastness / Işık Hasklığı ISO 105 - B02-2014 / Grade 4 | Light Fastness / Işık Hasklığı ISO 105 - B02-2014 / Grade 5 | Dry Heat Fastness / Kurutma Hasklığı / Kuru Isıya Karşı Hasklığı / ISO 105 - P01-1993 Sublimasyon Termokısal ISO 105 - P01-1993 | Dry Cleaning Fastness / Kuru Temizleme Hasklığı ISO 105 - D01-2010 | PVC Coating Fastness / PVC Kaplama Hasklığı ISO 105 - A10-1993 |
|--|---|--|--------|-----|---|--|--|--|--|--|---|--|---|
| YELLOW KLC ZDHC Level 3 |  |  | 30 | 4 | 5 | 4 | 5 | 7-8 | 6-7 | 5 | 4 | 5 | |
| | | | 1/9 | 4-5 | 5 | 4 | 5 | 7 | 7 | 5 | 4-5 | 5 | |
| GOLD YELLOW KFT ZDHC Level 3 |  |  | 30 | 4 | 5 | 4 | 4-5 | 7 | 6-7 | 5 | 4 | 5 | |
| | | | 1/9 | 4-5 | 5 | 3-4 | 5 | 6-7 | 7 | 5 | 4 | 5 | |
| ORANGE KG ZDHC Level 3 |  |  | 30 | 4 | 5 | 4-5 | 4-5 | 7-8 | 6 | 5 | 4-5 | 5 | |
| | | | 1/9 | 4-5 | 5 | 4-5 | 4-5 | 8 | 7 | 5 | 4-5 | 5 | |
| SCARLET KYD ZDHC Level 3 |  |  | 30 | 4-5 | 4-5 | 4 | 4-5 | 7-8 | 5 | 5 | 4 | 5 | |
| | | | 1/9 | 5 | 4-5 | 3-4 | 4-5 | 7-8 | 6 | 5 | 4 | 4 | |
| RED KG ZDHC Level 3 |  |  | 30 | 4-5 | 4 | 4 | 4-5 | 6-7 | 5-6 | 4-5 | 3-4 | 4-5 | |
| | | | 1/9 | 5 | 4-5 | 4 | 4-5 | 6 | 6 | 4 | 4 | 4 | |
| RED KGC NEW ZDHC Level 3 |  |  | 30 | 5 | 5 | 4-5 | 4-5 | 7-8 | 6 | 5 | 4-5 | 5 | |
| | | | 1/9 | 5 | 5 | 4-5 | 4-5 | 8 | 7 | 5 | 4 | 5-4 | |
| RED KBD ZDHC Level 3 |  |  | 30 | 4-5 | 5 | 4-5 | 5 | 7-8 | 5-6 | 4 | 4-5 | 4-5 | |
| | | | 1/9 | 5 | 5 | 4-5 | 5 | 8 | 6 | 3-4 | 4 | 4 | |
| FUSCHIA KB ZDHC Level 3 |  |  | 30 | 4 | 5 | 4 | 3-4 | 6-7 | 5-6 | 3-4 | 4-5 | 4-5 | |
| | | | 1/9 | 4-5 | 5 | 3-4 | 3-4 | 6 | 5-6 | 4 | 4 | 5 | |

Water Based Inks ●

| | The main color is printed with 30 g./kg. Ana renk 30 g/kg ile basılmıştır. | The main color is printed with 1/9 expansion. Ana rengin 1/9 açılımı ile basılmıştır. | g./kg. | | Rubbing Fastness / Sürme Hasipliği ISO 105-45:2010 | Water Fastness / Su Hasipliği ISO 105-01:2013 | Perpiration Fastness / Ter Hasipliği ISO 105-E04:2013 | Washing Fastness / Yıkama Hasipliği ISO 105-08:2010 | Light Fastness / Işık Hasipliği ISO 105-802:2014 / Grade 4 | Light Fastness / Işık Hasipliği ISO 105-802:2014 / Grade 5 | Dry Heat Fastness / Kurutma Hasipliği / Kuru Isıya Karşı Berrak Hasipliği ISO C. Sublimasyon Termofikseli ISO 105-P01:1993 | Dry Cleaning Fastness / Kuru Temizleme Hasipliği ISO 105-101:2010 | PVC Coating Fastness / PVC Kaplama Hasipliği ISO 105-X10:1993 |
|---------------------------------------|---|---|--------|-----|---|--|--|--|---|---|--|---|--|
| VIOLET KRL ZDHC Level 3 |  |  | 30 | 4 | 5 | 3-4 | 4-5 | 8 | 6-7 | 5 | 5 | 4-5 | |
| | | | 1/9 | 4-5 | 5 | 4 | 4-5 | 7 | 6 | 5 | 4-5 | 5 | |
| GREEN KB ZDHC Level 3 |  |  | 30 | 4-5 | 5 | 4 | 4-5 | 8 | 7 | 5 | 4-5 | 5 | |
| | | | 1/9 | 5 | 5 | 4 | 5 | 7-8 | 6-7 | 5 | 5 | 5 | |
| BLUE KBT ZDHC Level 3 |  |  | 30 | 4-5 | 5 | 4-5 | 4-5 | 7-8 | 6-7 | 5 | 3-4 | 5 | |
| | | | 1/9 | 5 | 5 | 4-5 | 5 | 7 | 7 | 5 | 4 | 5 | |
| BLUE KBL ZDHC Level 3 |  |  | 30 | 4 | 5 | 4 | 5 | 7 | 5-6 | 5 | 3-4 | 5 | |
| | | | 1/9 | 4-5 | 5 | 4 | 5 | 7 | 6-7 | 5 | 4 | 5 | |
| NAVY KRL-E ZDHC Level 3 |  |  | 30 | 4 | 5 | 4-5 | 4-5 | 7 | 7 | 5 | 4-5 | 5 | |
| | | | 1/9 | 4-5 | 5 | 4 | 4 | 6-7 | 7-8 | 4-5 | 4 | 5 | |
| D.BROWN KT ZDHC Level 3 |  |  | 30 | 3-4 | 4-5 | 4-5 | 4-5 | 7 | 6-7 | 4-5 | 3-4 | 5 | |
| | | | 1/9 | 4 | 4-5 | 4 | 4-5 | 6-7 | 7 | 4-5 | 4 | 5 | |
| BLACK KNG ZDHC Level 3 |  |  | 30 | 3-4 | 4-5 | 4 | 5 | 8 | 6 | 4-5 | 3-4 | 5 | |
| | | | 1/9 | 4 | 4-5 | 4 | 5 | 7-8 | 6-7 | 4-5 | 4 | 5 | |
| WHITE |  |  | 30 | 5 | 4-5 | 5 | 5 | 8 | 7-8 | 5 | 5 | 5 | |
| | | | 1/9 | 5 | 5 | 5 | 5 | 8 | 8 | 5 | 5 | 5 | |

pigment colors

| | The main color is printed with 50 g./kg. Ana renk 50 g/kg ile basılmıştır. | The main color is printed with 1/9 expansion. Ana rengin 1/9 açılımı ile basılmıştır. | | | | | | | | | | | |
|-------------------------------------|---|--|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | g./kg. | ISO 105-010-010 | ISO 105-010-020 | ISO 105-010-030 | ISO 105-010-040 | ISO 105-010-050 | ISO 105-010-060 | ISO 105-010-070 | ISO 105-010-080 | ISO 105-010-090 | ISO 105-010-100 |
| | | | | ISO 105-011 | ISO 105-012 | ISO 105-013 | ISO 105-014 | ISO 105-015 | ISO 105-016 | ISO 105-017 | ISO 105-018 | ISO 105-019 | ISO 105-020 |
| | | | | ISO 105-021 | ISO 105-022 | ISO 105-023 | ISO 105-024 | ISO 105-025 | ISO 105-026 | ISO 105-027 | ISO 105-028 | ISO 105-029 | ISO 105-030 |
| | | | | ISO 105-031 | ISO 105-032 | ISO 105-033 | ISO 105-034 | ISO 105-035 | ISO 105-036 | ISO 105-037 | ISO 105-038 | ISO 105-039 | ISO 105-040 |
| | | | | ISO 105-041 | ISO 105-042 | ISO 105-043 | ISO 105-044 | ISO 105-045 | ISO 105-046 | ISO 105-047 | ISO 105-048 | ISO 105-049 | ISO 105-050 |
| | | | | ISO 105-051 | ISO 105-052 | ISO 105-053 | ISO 105-054 | ISO 105-055 | ISO 105-056 | ISO 105-057 | ISO 105-058 | ISO 105-059 | ISO 105-060 |
| | | | | ISO 105-061 | ISO 105-062 | ISO 105-063 | ISO 105-064 | ISO 105-065 | ISO 105-066 | ISO 105-067 | ISO 105-068 | ISO 105-069 | ISO 105-070 |
| | | | | ISO 105-071 | ISO 105-072 | ISO 105-073 | ISO 105-074 | ISO 105-075 | ISO 105-076 | ISO 105-077 | ISO 105-078 | ISO 105-079 | ISO 105-080 |
| | | | | ISO 105-081 | ISO 105-082 | ISO 105-083 | ISO 105-084 | ISO 105-085 | ISO 105-086 | ISO 105-087 | ISO 105-088 | ISO 105-089 | ISO 105-090 |
| | | | | ISO 105-091 | ISO 105-092 | ISO 105-093 | ISO 105-094 | ISO 105-095 | ISO 105-096 | ISO 105-097 | ISO 105-098 | ISO 105-099 | ISO 105-100 |
| FLUOR YELLOW ZDHC Level 3 | | | 50 | 3-4 | 4 | 4 | 4-5 | 6-7 | 6-7 | 3-4 | 4 | 4-5 | |
| | | | 1/9 | 4 | 4 | 3-4 | 4 | 6 | 7 | 4 | 4 | 4 | |
| FLUOR ORANGE ZDHC Level 3 | | | 50 | 3-4 | 4 | 4-5 | 4-5 | 7 | 6 | 3-4 | 3-4 | 3-4 | |
| | | | 1/9 | 4 | 4 | 4-5 | 4-5 | 6-7 | 7 | 3-4 | 4 | 4 | |
| FLUOR RED ZDHC Level 3 | | | 50 | 3-4 | 4 | 4 | 4-5 | 6 | 6-7 | 4 | 4 | 4-5 | |
| | | | 1/9 | 4 | 5 | 3-4 | 4 | 5 | 7 | 3-4 | 4 | 5 | |
| FLUOR PINK ZDHC Level 3 | | | 50 | 3-4 | 4 | 4-5 | 4-5 | 6-7 | 6 | 4 | 3-4 | 4-5 | |
| | | | 1/9 | 4 | 5 | 4-5 | 4-5 | 5 | 6-7 | 3-4 | 4 | 4-5 | |
| FLUOR GREEN ZDHC Level 3 | | | 50 | 3-4 | 4 | 4 | 4-5 | 7-8 | 6 | 4 | 4 | 4-5 | |
| | | | 1/9 | 4 | 4 | 4 | 4-5 | 5 | 7 | 3-4 | 4 | 4 | |
| FLUOR BLUE ZDHC Level 3 | | | 50 | 3-4 | 4 | 4-5 | 4-5 | 5-6 | 6 | 4 | 4 | 3-4 | |
| | | | 1/9 | 4 | 4 | 4-5 | 4-5 | 5 | 6-7 | 3-4 | 4 | 4 | |
| FLUOR ROSE ZDHC Level 3 | | | 50 | 3-4 | 4 | 4-5 | 4-5 | 5-6 | 6 | 4 | 3-4 | 4-5 | |
| | | | 1/9 | 4 | 4 | 4-5 | 4-5 | 5 | 6-7 | 3-4 | 4 | 4-5 | |
| FLUOR RUBIN ZDHC Level 3 | | | 50 | 3-4 | 4 | 4-5 | 4-5 | 5-6 | 6 | 4 | 3-4 | 4-5 | |
| | | | 1/9 | 4 | 4 | 4-5 | 4-5 | 5 | 6-7 | 3-4 | 4 | 4-5 | |

PF SERIES

PHTHALATE FREE

- PF Whites
- PF Clear Bases
- PF Special Effects
- PF Colors



| | PF WHITE | PF POLY WHITE | PF LOW BLEED WHITE | PF MIXING WHITE | PF SUPER WHITE |
|---------------------|---|---|--|--|---|
| DESCRIPTION | <p>A quick flash, phthalate free plastisol white ink. It is standart white with a good whiteness effect.</p> <p>ZDHC Level 3</p> | <p>An elastic, phthalate free plastisol white ink with soft-hand-feel and extra coverage. It prevents dye migration for polyester fabrics effectively.</p> <p>ZDHC Level 3</p> | <p>PF LOW BLEED WHITE is a very opaque and creamy phthalate free plastisol white ink. It prevents dye migration for semi polyester fabrics.</p> <p>ZDHC Level 3</p> | <p>A phthalate free plastisol mixing white especially designed for Pantone Color Matcher.</p> | <p>A phthalate free plastisol white ink with high whiteness and coverage. Also provides high elasticity.</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *suitable for cotton fabrics *high coverage *elastic *soft-hand-feel *quick flash *high working performance *non-sticky surface | <ul style="list-style-type: none"> *suitable for 100% polyester fabrics *high resistance to dye migration *quick flash *high coverage *elastic *soft-hand-feel *non-sticky surface | <ul style="list-style-type: none"> *for semi polyester and cotton blended fabrics *quick flash *high opacity *creamy viscosity *high coverage *high working performance *non-sticky surface | <ul style="list-style-type: none"> *enables to achieve the desired color tone while used according to Pantone Color Matcher *increases color yield *quick flash | <ul style="list-style-type: none"> *suitable for cotton fabrics *high coverage *excellent whiteness *elastic *soft-hand-feel *quick flash |
| MESH NO. | 43-77 mm. | 43-77 mm. | 43-77 mm. | 34-62 mm. | 43-77 mm. |
| FLASH CURING | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. |
| CURING | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. |
| SQUEEGE | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner |

pf clear bases

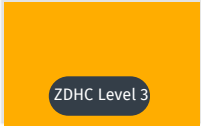
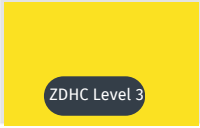
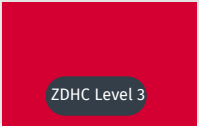
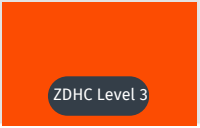
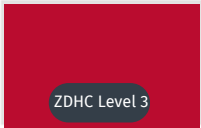
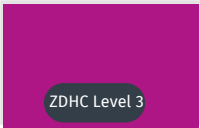
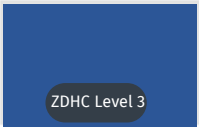
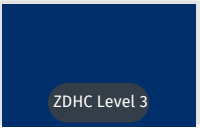
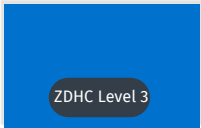
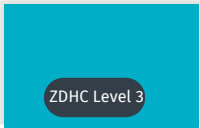
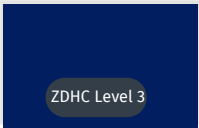
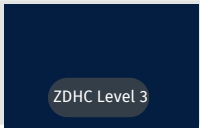
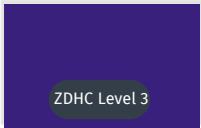
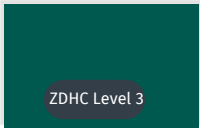
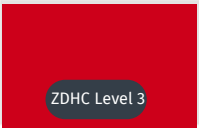

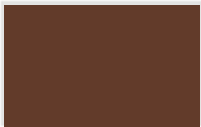
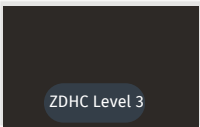
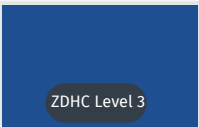

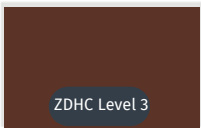
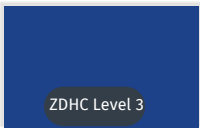
| | PF BASE | PF HIGH BASE | PF OPAQUE BASE 3000 | PF MIXING BASE |
|---------------------|--|---|--|---|
| DESCRIPTION | <p>A soft and very elastic phthalate free plastisol clear paste. Also gives bright colors for both light and dark grounded fabrics. It is used for general purpose. It provides elasticity to the plastisol ink it is added.</p> <p>ZDHC Level 3</p> | <p>High density effect with elasticity and soft-hand-feel. It has high viscosity.</p> <p>ZDHC Level 3</p> | <p>A special transparent viscose base used for anti-skid application under socks and carpets.</p> | <p>A phthalate free plastisol clear mixing base used for making colors with plastisol pigments.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *improves elasticity in pthalate free plastisol inks *can be encolored *high working performance *elastic *soft-hand-feel *high color yield *provides a smooth finishing | <ul style="list-style-type: none"> *generally used for the prints on sportswear for getting thick printing effect on its own special screen *gets high thickness easily *provides a smooth finishing *leaves no space or bubble *sharp lines can be achieved | <ul style="list-style-type: none"> *opaque covering effect *can be used as an ultra elastic clear base for lycra and extra elastic fabrics *for anti-skid application *can be used instead of silicone | <ul style="list-style-type: none"> *enables to achieve the desired color tone when it is used with Pantone Color Matcher *increases color yield |
| MESH NO. | 43-77 mm. | 24-34 mm. | 32-77 mm. | 43-77 mm. |
| FLASH CURING | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. |
| CURING | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. |
| SQUEEGE | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner |

| | PF FOIL ADHESIVE | PF FLOCK ADHESIVE | PF PUFF | PF BEAD ADHESIVE | PF GLITTER BASE |
|---------------------|--|--|--|---|---|
| DESCRIPTION | <p>A phthalate free plastisol for foil adhesive application. Bonds the foils strongly on the fabric.</p> <p>ZDHC Level 3</p> | <p>A phthalate free plastisol for flock adhesive application. Bonds the flock particules strongly on the fabric.</p> | <p>A phthalate free plastisol for getting puff effect. It is generally used together with white and clear bases.</p> <p>ZDHC Level 3</p> | <p>A very strong phthalate free plastisol base adhesive for holding cavier beads.</p> | <p>A phthalate free plastisol base used for glitter applications.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *excellent brightness *excellent elasticity *high washing fastness *provides easy peeling of the foil after application *leaves no space or bubble | <ul style="list-style-type: none"> *excellent flock printing *high washing fastness *elastic *soft- hand-feel *does not spill after the print *2-3% PF CATALYST should be used | <ul style="list-style-type: none"> *suede feel effect *elastic *soft-hand-feel *does not spill after the print | <ul style="list-style-type: none"> *high washing fastness *elastic *3% PF CATALYST should be added | <ul style="list-style-type: none"> *high brightness *high washing fastness *elastic *soft-hand-feel *prevents glitter's color bleed *glitters do not spill after printing |
| MESH NO. | 43-77 mm. | 34-55 mm | 43-55 mm. | 34-43 mm. | 15-27 mm. |
| FLASH CURING | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. |
| CURING | 160°C-170°C - 1,5-2min. | 160°C - 1,5-2min (double curing is possible) | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. |
| SQUEEGE | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner |


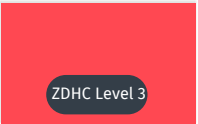
pf special effects

| | PF METALLIC GOLD | PF METALLIC SILVER | PF METALLIC BASE | PF REFLECTOR | PF GB 5000 |
|---------------------|---|---|---|--|--|
| DESCRIPTION | <p>It is used for getting metallic gold effect.</p> <p>ZDHC Level 3</p> | <p>It is used for getting metallic silver effect.</p> <p>ZDHC Level 3</p> | <p>It is phthalate free plastisol metallic base without any metallic powder.</p> | <p>It is used for getting reflective effect.</p> | <p>It is used for emboss applications .</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *ready to use *phthalate free *elastic *soft-hand-feel *high brightness *high shiny effect *homogeneous metallic dispersion on fabric *does not fade | <ul style="list-style-type: none"> *ready to use *phthalate free *elastic *soft-hand-feel *high brightness *high shiny effect *homogeneous metallic dispersion on fabric *does not fade | <ul style="list-style-type: none"> *phthalate free *without color or metallic powder *can be mixed with any desired metallic color in powder form *elastic *soft-hand-feel | <ul style="list-style-type: none"> *phthalate free *reflects light well in the darkness *works with high performance on high visibility jackets, vests etc. *elastic | <ul style="list-style-type: none"> *phthalate free *suitable for polyester fabrics *excellent embossed effect *very good 3D effect |
| MESH NO. | 43-62 mm. | 43-62 mm | 43-62 mm. | 34-62 mm. | 32-43 mm. |
| FLASH CURING | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. | ~ 3-4 sec. |
| CURING | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. | 160°C-170°C - 1,5-2min. |
| SQUEEGE | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner |

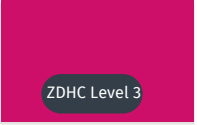
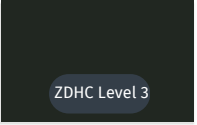
pf colors

| | | | |
|---|---|---|---|
| PF G. YELLOW  ZDHC Level 3 | PF YELLOW  ZDHC Level 3 | PF SCARLET  ZDHC Level 3 | PF ORANGE  ZDHC Level 3 |
| PF CARMEN  ZDHC Level 3 | PF FUCHSIA  ZDHC Level 3 | PF BLUE  ZDHC Level 3 | PF SAXE BLUE  ZDHC Level 3 |
| PF SKY BLUE  ZDHC Level 3 | PF TURQUOISE  ZDHC Level 3 | PF NAVY BLUE  ZDHC Level 3 | PF DARK NAVY BLUE  ZDHC Level 3 |
| PF VIOLET  ZDHC Level 3 | PF GREEN  ZDHC Level 3 | PF RED  ZDHC Level 3 | PF LIGHT RED  ZDHC Level 3 |
| PF BROWN  ZDHC Level 3 | PF BLACK  ZDHC Level 3 | PF DARK BLUE  ZDHC Level 3 | PF BLACK MAT  ZDHC Level 3 |
| PF DARK BROWN  ZDHC Level 3 | PF ROYAL BLUE  ZDHC Level 3 | | |

pf fluorescent colors

| | | | |
|---|---|--|--|
| PF FLU ORANGE  ZDHC Level 3 | PF FLU YELLOW  ZDHC Level 3 | PF FLU GREEN  ZDHC Level 3 | PF FLU PINK  ZDHC Level 3 |
| PF FLU RED  ZDHC Level 3 | PF FLU BLUE  ZDHC Level 3 | | |

pf CMYK colors

| | | | |
|--|---|--|--|
| PF CMYK CYAN  ZDHC Level 3 | PF CMYK MAGENTA  ZDHC Level 3 | PF CMYK YELLOW  ZDHC Level 3 | PF CMYK BLACK  ZDHC Level 3 |
|--|---|--|--|

PPF SERIES

PVC & PHTHALATE FREE

- PPF White & Clear Bases
- PPF Special Effects
- PPF Colors



ppf whites & clear bases

| | PPF WHITE | PPF BASE | PPF HIGH BASE |
|--------------|--|---|--|
| DESCRIPTION | <p>An ecologic, PVC and phthalate free plastisol white ink. It is used for general purpose.</p> <p>ZDHC Level 3 GOTS</p> | <p>An ecologic, PVC and phthalate free plastisol clear base. Gives bright colors for both light and dark grounded fabrics. It is used for general purpose. It provides elasticity to the organic plastisol ink it is added.</p> <p>ZDHC Level 3 GOTS</p> | <p>An ecologic, PVC and phthalate free plastisol with high density effect with high elasticity and soft-hand-feel.</p> <p>ZDHC Level 3 GOTS</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *high coverage *suitable for cotton fabrics *non-clogging *elastic *soft-hand-feel *high working performance *non-sticky surface | <ul style="list-style-type: none"> *increases elasticity *high washing fastness *can be colored *high working performance *elastic *soft-hand-feel *high color yield *provides a smooth finishing | <ul style="list-style-type: none"> *3D sharp line printing effect *elastic *soft-hand-feel *does not lubricate *non-sticky surface *gets high thickness easily *provides a smooth finishing *leaves no space or bubble |
| MESH NO. | 43-77 mm. | 43-77 mm. | 24-34 mm. |
| FLASH CURING | ~ 3-5 sec. | ~ 3-5 sec. | ~ 3-5 sec. |
| CURING | 160°C-170°C - 1,5-2,5min. | 160°C-170°C - 1,5-2,5min. | 160°C-170°C - 1,5-2,5min. |
| SQUEEGE | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner |

ppf special effects

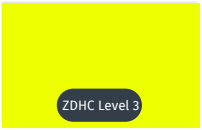
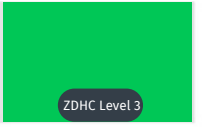
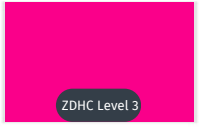
| | PPF FOIL ADHESIVE | PPF PUFF | PPF SOCKS BASE | PPF THINNER | PPF BARRIER |
|---------------------|--|---|--|---|---|
| DESCRIPTION | <p>An ecologic, PVC and phthalate free plastisol for foil adhesive. Bonds the foils strongly on the fabric.</p> <p>ZDHC Level 3</p> | <p>An ecologic, PVC and phthalate free plastisol for getting puff effect. It is generally used together with white and clear bases.</p> <p>ZDHC Level 3</p> | <p>An ecologic, PVC and phthalate free plastisol for printing under socks for anti-skid application.</p> <p>ZDHC Level 3</p> | <p>It is used to decrease viscosity.</p> <p>ZDHC Level 3</p> | <p>An ecologic, PVC and phthalate free plastisol barrier to prevent ink migration.</p> <p>ZDHC Level 3</p> |
| PERFORMANCE | <ul style="list-style-type: none"> *excellent brightness *excellent elasticity *high washing fastness *provides easy peeling of the foil after application *leaves no space or bubble | <ul style="list-style-type: none"> *a very smooth puffed surface effect like suede *high washing fastness *elastic *soft-hand-feel *does not spill after the print | <ul style="list-style-type: none"> *opaque covering effect *for anti-skid applications *can be used instead of silicone | <ul style="list-style-type: none"> *can be used to decrease viscosity *prevents that blocking of printings in the silk screen *does not change the characteristic of the ink | <ul style="list-style-type: none"> *excellent barrier *suitable for dark colored polyester and sublimation fabrics *high elasticity *prevents migration |
| MESH NO. | 34-55 mm. | 43-62 mm. | 24-34 mm. | - | 56-62 mm. |
| FLASH CURING | ~ 3-5 sec. | ~ 3-5 sec. | ~ 3-5 sec. | - | ~ 3-5 sec. |
| CURING | 160°C-170°C - 1,5-2,5min. | 160°C-170°C - 1,5-2,5min. | 160°C-170°C - 1,5-2,5min. | - | 160°C-170°C - 1,5-2,5min. |
| SQUEEGE | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type | - | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner |

| | PPF THICKENER | PPF CATALYST | PPF METALLIC GOLD | PPF METALLIC SILVER | PPF GLITTER BASE |
|---------------------|---|---|---|--|---|
| DESCRIPTION | Multi-purpose ecologic powder thickener used with PPF products. ZDHC Level 3 | Multi-purpose ecologic catalyst to enhance the product fastnesses. | An ecologic, PVC and phthalate free plastisol paste used for getting metallic gold effect. ZDHC Level 3 | An ecologic, PVC and phthalate free plastisol paste used for getting metallic silver effect. ZDHC Level 3 | An ecologic, PVC and phthalate free plastisol paste used for glitter applications. |
| PERFORMANCE | *easily dispersed, instantly gets consistent *it is compatible with the thickening of all PPF products | *used between 1-3%. *can be added to a product that needs all fastnesses increased *it is compatible with all PF products | *ready to use *high brightness *does not fade *non-clogging *elastic *soft-hand-feel *homogeneous metallic dispersion on fabric | *ready to use *excellent brightness *does not fade *non-clogging *elastic *soft-hand-feel *homogeneous metallic dispersion on fabric | *high brightness *high washing fastness *elastic *soft-hand-feel *prevents glitter's color bleed *glitters do not spill after printing |
| MESH NO. | - | - | 43-77 mm. | 43-77 mm. | 15-27 mm. |
| FLASH CURING | ~ 3-5 sec. | - | ~ 3-5 sec. | ~ 3-5 sec. | ~ 3-5 sec. |
| CURING | 160°C-170°C - 1,5-2,5min. | - | 160°C-170°C - 1,5-2,5min. | 160°C-170°C - 1,5-2,5min. | 160°C-170°C - 1,5-2,5min. |
| SQUEEGE | 60-80 Shore U Type | - | 60-80 Shore U Type | 60-80 Shore U Type | 60-80 Shore U Type |
| CLEANING | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner | with synthetic thinner |


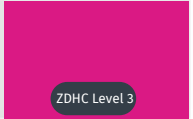
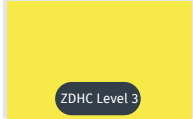

ppf colors

| | | | |
|---|--|--|---|
| PPF G. YELLOW  ZDHC Level 3 GOTS | PPF YELLOW  ZDHC Level 3 GOTS | PPF SCARLET  ZDHC Level 3 | PPF ORANGE  ZDHC Level 3 |
| PPF CARMEN  ZDHC Level 3 GOTS | PPF FUCHSIA  ZDHC Level 3 | PPF BLUE  ZDHC Level 3 GOTS | PPF NAVY BLUE  ZDHC Level 3 |
| PPF VIOLET  ZDHC Level 3 | PPF GREEN  ZDHC Level 3 GOTS | PPF BLACK  ZDHC Level 3 | |

ppf fluorescent colors

| | | | |
|--|--|--|--|
| PPF FLU ORANGE  ZDHC Level 3 | PPF FLU YELLOW  ZDHC Level 3 | PPF FLU GREEN  ZDHC Level 3 | PPF FLU PINK  ZDHC Level 3 |
| PPF FLU RED  ZDHC Level 3 | PPF FLU BLUE  ZDHC Level 3 | | |

ppf CMYK colors

| | | | |
|---|--|---|--|
| PPF CMYK CYAN  ZDHC Level 3 | PPF CMYK MAGENTA  ZDHC Level 3 | PPF CMYK  ZDHC Level 3 | PPF CMYK BLACK  ZDHC Level 3 |
|---|--|---|--|

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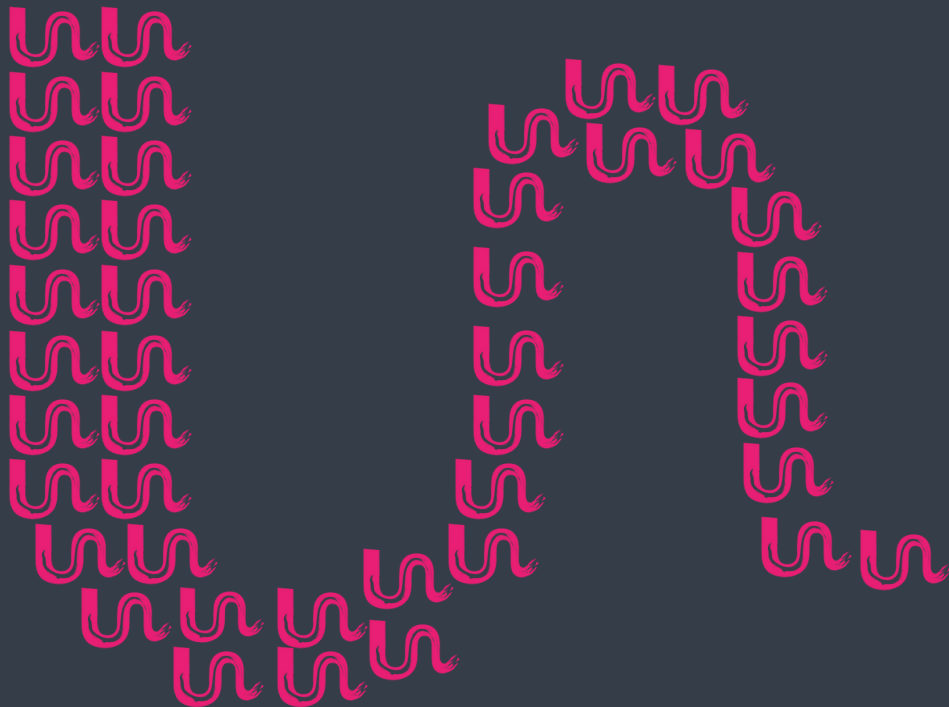
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