



Color Way Colorex™ Series (PLW)

PLASTISOL

Technical Data Sheet

Color Way Colorex™ (PLW) plastisol inks are specifically formulated for high productivity wet-on-wet printing. Easy to print, Color Way Colorex™ inks are also available at the ColorMatch® mixing system, where Pantone® simulations are easily achieved. Colorex inks that aren't opaque may also be used to print conventional cold-peel transfers.

When printing on 100% polyesters or polyester blends, use PLW-101 Polyester White or PLW-102 Polyester Base for bleed resistance.

Recommended substrates for Colorex inks are 100% cotton, cotton blends, and some polyesters.

FEATURES

- Ready to print
- Excellent opacity
- Bright colors
- Very soft hand
- Excellent elongation
- Excellent fastnesses
- Very low wet ink tack
- Suitable for transfer

PRINTER'S GUIDE

Bleed Resistance	Excellent
Stencil Type	Most direct emulsion stencils are suitable.
Mesh	43-120 t/cm (110-305 t/in)
Mesh (Flash Cure)	43-77 t/cm (110-195 t/in)
Mesh (underbase)	43-77 t/cm (110-195 t/in)
Viscosity Reducer	PLW-S10 Viscosity Reducer / Up to 5% by weight
Matting Agent	PLW-M10 Matting Agent / Up to 15% by weight
Softener	PLW-H10 ColorFlex / 5-15% by weight
Catalyst	PLW-K10 Catalyst / Up to 1% by weight may be added to improve the adhesion of the ink to the fabric. The catalyzed ink has a shelf life of 6 hours.
Curing Information	150-170°C (302-338°F) / 1.5-2 minutes However, factors such as ink film thickness, curing equipment and fabric may influence the optimum cure time.
Storage	5-30°C (41-86°F). Avoid direct sun.
Cleanup	Mineral spirits and some other non-hazardous screen washes.

Whites & Bases		PLW-411 Red *		PLW-705 Turquoise *		PLW-H10 ColorFlex	
PLW-100	Transfer White	PLW-412	Scarlet *	PLW-710	Light Green *	PLW-K10	Catalyst
PLW-101	Polyester White	PLW-420	Dark Red	PLW-720	Green	PLW-M10	Matting Agent
PLW-102	Polyester Base	PLW-430	Carmine	PLW-730	Dark Green	PLW-S10	Viscosity Reducer
PLW-110	White	PLW-440	Dark Carmine *	PLW-810	Brown *	Special Effects	
PLW-111	Super White	PLW-510	Fuchsia *	PLW-910	Black *	PLW-F10	Elastic Adhesive
PLW-120	Flash White	PLW-511	Dark Fuchsia	Fluorescent Colors		PLW-G10	Glitter Clear
PLW-121	Super Flash White	PLW-520	Violet *	PLW-FL10	Yellow	PLW-G20	Silver Metallic
PLW-125	Extender Base	PLW-610	Light Blue *	PLW-FL20	Orange	PLW-G30	Golden Metallic
Colors		PLW-620	Blue	PLW-FL30	Red	PLW-G40	Copper Metallic
PLW-210	Lemon Yellow *	PLW-630	Ultra Marine Blue *	PLW-FL40	Pink	PLW-G50	Pearlescent Base
PLW-211	Yellow	PLW-635	Sax Blue	PLW-FL50	Blue	PLW-G60	Glow-In-The-Dark
PLW-220	Golden Yellow *	PLW-640	Dark Blue	PLW-FL60	Green	PLW-P10	Puff Base
PLW-221	Dark Golden Yellow	PLW-650	Navy Blue	PLW-FL70	Magenta	PLW-P20	Suede Puff Base
PLW-310	Orange *	PLW-655	Purplish Navy Blue	PLW-FL80	Violet	PLW-Y10	High Density Clear
PLW-311	Dark Orange	PLW-660	Special Navy Blue *	Additives			

* Indicated colors are high-opaque.

* All recommendation and statements made, if any, are based on Renk Yolu Kimya's research and experience. However, since Renk Yolu Kimya has no control over the conditions of use or storage of the product sold, Renk Yolu Kimya cannot guarantee the results obtained through the use of its products. All products are sold and samples given without any representation or warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where protective rights of third parties involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application.

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