



Recommendations	
Product Overview	
Product Code	PLUE5040
Industry	Inks
Application	Screen Printing
Category	Stock Colors
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Performance:	
Coverage	Medium Opacity
After Flash Tack	Decreases with increased mesh
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Angle	10° - 20°
Screen:	
Mesh	86 to 305
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)

Last Change: Nov 2016

EF ULTRASOFT NAVY BLUE

Instructions

Light and medium colored shirts. Hot-split and cold-peel transfers. 100% Cotton fabrics only Stencils: Use any direct emulsion or capillary film compatible with plastisol inks. Additives: If reducing the inks viscosity is necessary, add 3-5% Viscosity Reducer (PLRE-9000) by weight. Do not use any additives when using Ultrasoft for plastisol transfer production. Curing Direct Prints: Ultrasoft inks will fully cure when the entire thickness of the ink deposit reaches 300°F (149°C). Metallic inks are not recommended for transfer application. Curing Heat Transfers: Ultrasoft ink will semi-cure or gel when it reaches 240°F - 250°F (115°C - 121°C). For more information on transfers, see the general information Technical Data Sheets. For more information on the additives listed below, see the Plastisol Ink Additives Technical Data Sheets Wash-Up: Clean the screens and squeegees with mineral spirits or any Eco-Friendly screen wash designed for plastisol inks. PRODUCTS: Standard Colors PLUE-1020 Super Opaque White / PLUE-2102 Khaki / PLUE-5017 University Blue PLUE-1035 Backup White / PLUE-3001 Vermillion Red / PLUE-5020 Mono Blue PLUE-1500 Grey / PLUE-3006 Brite Red / PLUE-5030 Ultramarine PLUE-1508 Lite Grey / PLUE-3011 Scarlet Red / PLUE-5035 Royal Blue PLUE-1525 Dark Grey / PLUE-3015 Cardinal Red / PLUE-5040 Navy Blue PLUE-2001 Primrose Yellow / PLUE-3021 Lo Crock Flag Red / PLUE-5048 Light Navy PLUE-2011 Lemon Yellow / PLUE-3030 Maroon / PLUE-5060 Aqua Marine PLUE-2013 Cream / PLUE-3106 Fuchsia / PLUE-5085 Process Blue PLUE-2017 Vegas Gold / PLUE-3113 Cool Pink / PLUE-5105 Fashion Turquoise PLUE-2021 Chrome Yellow / PLUE-4010 Magenta / PLUE-5107 Powder Blue PLUE-2041 Golden Yellow / PLUE-4025 Deep Purple / PLUE-5108 Peacock Blue PLUE-2046 Rebel Gold / PLUE-4101 Lilac / PLUE-6001 Tahiti Green PLUE-2051 Orange / PLUE-4103 Rose Magenta / PLUE-6006 Brite Green PLUE-2052 Burnt Orange / PLUE-5005 Brite Blue / PLUE-6016 Lime Green PLUE-2057 University Orange / PLUE-5015 Columbia Blue / PLUE-6021 Chrome Green PLUE-6091 Kelly Green / PLUE-7001 Dark Brown / PLUE-7031 Sienna Brown PLUE-8000 Black Fluorescent Colors PLUE-F211 Orbit Yellow / PLUE-F214 Flame Orange / PLUE-F402 Neon Purple PLUE-F212 Golden Yellow / PLUE-F311 Missile Red / PLUE-F511 Solar Blue PLUE-F213 Inferno Orange / PLUE-F312 Aurora Pink / PLUE-F611 Traffic Green Metallic Colors PLUE-M100 Metallic Copper / PLUE-M120 Silver / PLUE-M128 Washable Silver PLUE-M220 Metallic Pale Gold / PLUE-M222 Rich Gold / PLUE-M224 Mirror Gold PLUE-F666 Phosphorescent Green Additives PADS-E9095 Soft Hand Base / PLRE-9000 Reducer Detackifier / PLUE-9030 Metallic Clear Base PLUE-9040 Hot Split Additive / PLUE-9090 Extender Base / PLUE-9100 Conc. Viscosity Reducer PLUE-9114 Plastisol Thickener

Recommendation

Caution: Always test this product for curing, adhesion, crocking, opacity, washability and other specific requirements before using in production.

Statement

Union Ink does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSIA HR-4040 and Oeko-tex Standard 100. The plasticizers identified may include di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), (DIBP) Di-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of our Non-Phthalate Inks. Union Ink does not test the final product for amounts of the aforementioned phthalate plasticizers and esters and encourages all users to conduct testing for their intended use.

Disclaimer:

Not all Union products are available in every country. Please check with your local representative for availability. The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.