



» PRODUCT BULLETIN & COLOR CARD

## Union Ink™ Low-Cure Plastisol Inks

### Flexible cure opaque inks that prevent heat-related defects

With the continued growth of polyester and blended fabrics, screen printers face many challenges in choosing suitable inks for printing—including overcoming dye migration and getting a softer hand of the print. The dyes used in certain polyester fabrics can migrate into the printed area when cured at average (320°F/160°C) temperatures resulting in quality issues with printed goods being possibly returned or even scrapped. Standard plastisol inks also impart a heavy hand that does not correlate with the fashion-forward softer fabrics.

These inks are formulated to cure at a lower temperature to reduce energy consumption, prevent shrinkage of heat-sensitive fabrics, and minimize dye migration, even on fabrics prone to bleed. The inks are creamy in texture, enabling faster printing and providing a softer hand than standard-curing plastisol inks. Combine these attributes with low ghosting, better mat down, and high opacity printing, and printers have another option to solve common ink/substrate printing issues.

FEATURES	ADVANTAGES	BENEFITS
Excellent bleed resistance	Prevent dye migration on fabrics sensitive to heat. For fabrics especially prone to ink bleed, printers can use the barrier gray or barrier black for added protection.	Reduces cost due to waste from heat related defects.
Excellent opacity and coverage	Print directly onto light or dark color fabrics.	Reduces the need for an underbase ink.
Broad curing range profile	Cure inks from 270°F (132°C) to 320°F (160°C) depending upon curing conveyor dryer settings and fabrics, to provide flexibility to manage print operations.	Provides a potential single ink solution for varied printing needs.

# Union Ink™ Gen2 Low-Cure Plastisol Inks Color Chart

Print directly onto dark- or light- colored 100% Polyester.



UPLC0447  
G2 SPORT LC  
ANTHRACITE



UPLC1235  
G2 SPORT LC  
BRIGHT GOLD



UPLC0476  
G2 SPORT LC  
BROWN



UPLC0202  
G2 SPORT LC  
CARDINAL



UPLC0431  
G2 SPORT LC  
CHARCOAL



UPLC3435  
G2 SPORT LC  
DARK GREEN



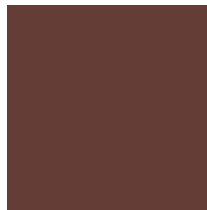
UPLC0422  
G2 SPORT LC  
GRAY



UPLC0356  
G2 SPORT LC  
GREEN



UPLC0659  
G2 SPORT LC  
LIGHT BLUE



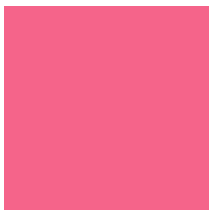
UPLC0504  
G2 SPORT LC  
MAROON



UPLC0289  
G2 SPORT LC  
NAVY



UPLC0172  
G2 SPORT LC  
ORANGE



UPLC0213  
G2 SPORT LC  
PINK



UPLC0268  
G2 SPORT LC  
PURPLE



UPLC0200  
G2 SPORT LC  
RED



UPLC0661  
G2 SPORT LC  
ROYAL



UPLC0322  
G2 SPORT LC  
TEAL



UPLC0151  
G2 SPORT LC  
TN ORANGE



UPLC1605  
G2 SPORT LC  
TX ORANGE



UPLC4515  
G2 SPORT LC  
VEGAS GOLD



UPLC0809  
G2 SPORT LC  
VOLT



UPLC0107  
G2 SPORT LC  
YELLOW

#### WHITE INKS, BLOCKERS AND REDUCER

UPLC8550 G2 SPORT LC BARRIER BLACK  
UPLC1550 G2 SPORT LC BARRIER GREY  
UPLC1071 G2 SPORT LC POLY-WHITE  
UPLC1073 G2 SPORT LC LB POLAR WHITE

To learn more visit [www.unionink.com](http://www.unionink.com).

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