



» 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 choosing the right inks to print—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 normal (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 provide a softer hand than standard-curing plastisol inks. Combine these attributes with the 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



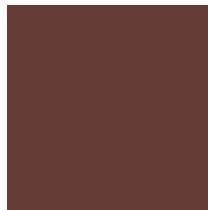
UPLC0422
G2 SPORT LC
GRAY



UPLC0356
G2 SPORT LC
GREEN



UPLC0659
G2 SPORT LC
LIGHT BLUE



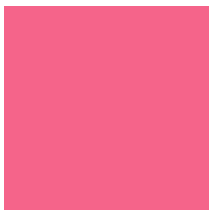
UPLC0504
G2 SPORT LC
MAROON



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

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