

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.

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Union Ink™ Gen2 Low-Cure Plastisol Inks Color Chart

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

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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.**

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