



Recommendations	
<b>Product Overview</b>	
Product Code	UPLC0447
Industry	Inks
Application	Screen Printing
Category	Stock Colors
Chemistry	Plastisol
Substrate(s)	Poly
Best Used By	12 months
Certification(s)	ISO9001
<b>Curing:</b>	
Fusion Temperature	270 °F
<b>Performance:</b>	
Coverage	High Opacity
After Flash Tack	Decreases with increased mesh
<b>Squeegee:</b>	
Squeegee Profile	Sharp, Square
Squeegee Type	Polyurethane
Squeegee Angle	10° - 20°
<b>Storage:</b>	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sunlight

*Last Change: Mar 2020*

## SPORT LC ANTHRACITE

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 lower 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.

### 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:

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