



Recommendations	
Product Overview	
Product Code	PLHE1500
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Sub-Category	Barrier
Chemistry	Plastisol
Substrate(s)	Poly
Best Used By	12 months
Certification(s)	ISO9001
Performance:	
After Flash Tack	Decreases with increased mesh
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Angle	10° - 20°
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)

Last Change: Nov 2016

EF LOW BLEED BARRIER GREY

Features

- Low tack formulation for fast shearing action. Non-phthalate formulation to comply with regulations. User friendly with no viscosity modifications necessary.
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Instructions

Print Barrier Grey straight from the container. Barrier Grey is user friendly and may be printed through 86-110 mc in (34 - 43 mc cm) mesh range without modifying the viscosity. Print Union's standard White inks on top of the Barrier Grey to have a brilliant White print! Use softer squeegee or thicker emulsion on both the the Barrier Grey and White screen to insure complete coverage and maximum low bleed properties. A thicker layer of Barrier Grey is suggested for severe bleeding fabrics. Cure prints at 320 degrees F. (160 degrees C.) NOTE: Due to variations in dyed polyesters, any application whether referenced or not in this technical data should be pre-tested for suitability on the actual production fabric and/or consultation sought with Rutland's Applications Laboratory prior to printing.

Recommendation

Do not dry clean, bleach, or iron the printed image. Union's Liberty EF inks, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non approved additives could make these products test positive for the restricted phthalates.

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.