

1100 SERIES ATHLETIC MULTIPURPOSE

INTERNATIONAL COATINGS CO., INC.

13929 East 166th Street • Cerritos, California, USA 90702-7666 • Voice (562) 926-1010 • Fax (562) 926-9486 • www.iccink.com

GENERAL INFORMATION

A very durable, high viscosity plastisol ink formulated for printing directly onto most athletic garments. The ink can also be used for cold peel transfers and as a flock adhesive. Colors available match the most popular athletic colors used for athletic garment printing.

RECOMMENDED FABRICS

Nylon mesh, cotton, polyester and cotton/polyester blends. Always test print fabric before beginning a production run for adhesion and possible dye migration. 1100 Series plastisols are not low bleed inks. Testing is required for bleed resistance on cotton/polyester blends and 100% polyester.

INK APPLICATION

The 1100 series inks can be printed directly from the container or for greater durability and adhesion on problem fabrics (micro-mesh), mixed with the 900LF Catalyst. In general, if the ink can surround the fiber of the fabric being printed, the use of 900LF Catalyst may not be necessary. Catalyst must be purchased separately if needed. 900LF Catalyst is available in 2 oz. and 8 oz. containers and when used should be thoroughly hand stirred into the ink to the following proportions:

BY VOLUME = 16 PARTS INK TO 1 PART CATALYST.
BY WEIGHT = 20 PARTS INK TO 1 PART CATALYST.

Ink may be used immediately after mixing. Do not mix more ink than is needed for a job. Do not under catalyze the ink. Pot life of mixed ink is 4 to 8 hours. Over catalyzation will shorten pot life of ink.

SCREEN MESH AND EMULSION

61 - 160 MONOFILAMENT

4XX to 6XX = Coarse athletic fabrics (mesh football jerseys)
ANY DIRECT OR INDIRECT LACQUER PROOF EMULSION.
USE 35 TO 70 MICRON CAPILLARY FILM.

SQUEEGEE

65-70 Durometer: bevel or sharp edge

DRYER TEMPERATURES

300°F to 325°F (149°C to 163°C)

Since the 1100LF series inks do not air dry, they must be fused with an appropriate heat source in order to achieve durability. The optimum time/temperature cycle will vary with the amount of ink deposited, fabric, and type of heat source used. Plastisols actually achieve the proper fusion point as soon as the innermost section of the ink film reaches the prescribed temperature. Test dryer temperatures before a production run. Wash test printed product before production run.

MODIFYING INK

If necessary, mixed ink may be thinned with 3% to 25%, by volume, of 1110LF Curable Reducer. If 900LF Catalyst is used in the ink, the viscosity of mixed ink will drop when first mixed with 900LF Catalyst.

CLEAN-UP

Mineral Spirits (White Spirits) or any Environmentally Friendly Plastisol Screen Wash

PRODUCT INFORMATION

COLORS AVAILABLE:

900LF CATALYST**

1106LF* ATH. PURPLE	1160LF ATH. COL. BLUE
1112LF ATH. SKY GRAY	1164LF ATH. DOLPHIN BLUE
1113LF ATH. WHITE	1166LF ATH. ROYAL BLUE
1116LF ATH. BLACK	1168LF ATH. NAVY BLUE
1127LF ATH. GOLD	1169LF ATH. LIGHT TEAL
1136LF ATH. TENN. ORANGE	1170LF ATH. DARK TEAL
1138LF ATH. WINTER ORANGE	1172LF ATH. DALLAS GREEN
1143LF ATH. WINTER RED	1173LF ATH. KELLY GREEN
1146LF ATH. SCARLET	1176LF ATH. DARK GREEN
1153LF ATH. CARDINAL	1182LF ATH. OLD GOLD
1156LF ATH. MAROON	1184LF ATH. TEXAS ORANGE

*LF (Lead Free) Contains less than .025% Lead.

**900LF CATALYST MUST BE PURCHASED SEPARATELY.

STORAGE OF INK CONTAINERS

Inks: Keep indoors and store in a cool area. Storage recommended at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight or in extreme temperature conditions.

Catalyst = Avoid exposing 900LF Catalyst to moist, humid air. Always use oldest container of catalyst first and tightly seal containers after use.

PRODUCT PACKAGING

1 GALLON, 5 GALLON, or 30 GALLON CONTAINERS.

PRODUCT MSDS

REFER TO MATERIAL SAFETY DATA SHEET MSDS8.

Recommendations and statements made are based on International Coatings research and experience. Since International Coatings does not have any control over the conditions of use or storage of the product sold, International Coatings cannot guarantee the results obtained through use of its' products. All products are sold and samples given without any representation of warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application. REV83000