

**FEATURES**

- A very durable, high viscosity plastisol ink formulated for printing directly onto most athletic garments.
- 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.

**1100 SERIES\* COLORS**

- |                           |                          |
|---------------------------|--------------------------|
| 1106LF Ath. Purple        | 1172LF Ath. Dallas Green |
| 1112LF Ath. Sky Gray      | 1173LF Ath. Kelly Green  |
| 1113LF Ath. White         | 1176LF Ath. Dark Green   |
| 1116LF Ath. Black         | 1181LF Ath. Vegas Gold   |
| 1127LF Ath. Gold          | 1182LF Ath. Old Gold     |
| 1138LF Ath. Winter Orange | 1184LF Ath. Texas Orange |
| 1146LF Ath. Scarlet       |                          |
| 1153LF Ath. Cardinal      |                          |
| 1160LF Ath. Columbia Blue |                          |
| 1166LF Ath. Royal Blue    |                          |
| 1168LF Ath. Navy          |                          |

\*LC (Lead Compliant) Contains less than 90 ppm lead.

**Application & Storage Information**

<b>RECOMMENDED FABRICS</b>	Nylon mesh, cotton, and some 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.
<b>INK APPLICATION</b>	<p>The 1100 series inks can be printed directly from the container or for greater durability and adhesion on problem fabrics (micro-mesh), mix 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:</p> <p>By volume = 16 parts ink to 1 part catalyst By weight = 20 parts ink to 1 part catalyst</p> <p>1 oz. Catalyst to 1 pint of ink 2 oz. Catalyst to 1 quart of ink 8 oz. Catalyst to 1 gallon of ink</p> <p>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.</p> <p><b>900LF Catalyst must be purchased separately.</b></p>
<b>SCREEN MESH AND EMULSION</b>	60-160 t/in or 24-63 t/cm Monofilament 4XX to 6XX = Coarse athletic fabrics (mesh football jerseys) Any direct or indirect plastisol resistant emulsion. Use 35 to 70 micron capillary film .
<b>SQUEEGEE</b>	75-70 Durometer: Bevel or sharp edge
<b>CURE TEMPERATURE</b>	325°F (163°C) Entire ink film. Test dryer temperatures before a production run. Wash test printed product before beginning production run.
<b>CLEAN-UP</b>	Any environmentally friendly plastisol screen wash.
<b>PRODUCT PACKAGING</b>	1 Gallon, 5 Gallon, or 30 Gallon Containers.
<b>STORAGE OF INK CONTAINERS</b>	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight and moist, humid air.
<b>PRODUCT MSDS</b>	Refer to material safety data sheet MSDS8.

**MODIFYING INK**

If necessary, mixed ink may be thinned with 1% to 3%, by weight, mineral spirits. Can also use 1% to 5%, by weight, of 1110LF Curable Reducer. It is important not to use reducers that are 100% plasticizer, because they may decrease adhesion and make the finished ink film less durable.

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**1100 SERIES ATHLETIC MULTIPURPOSE**