

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 that are available match the most popular athletic colors used for athletic garment printing.

1100 SERIES* COLORS

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

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	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.
INK APPLICATION	<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 900 Catalyst. In general, if the ink can surround the fiber of the fabric being printed, the use of 900 Catalyst may not be necessary. Catalyst must be purchased separately if needed. 900 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>900 Catalyst must be purchased separately.</p>
SCREEN MESH AND EMULSION	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 .
SQUEEGEE	75-70 Durometer: Bevel or sharp edge
CURE TEMPERATURE	325°F (163°C) Entire ink film. Test dryer temperatures before a production run. Wash test printed product before beginning production run.
CLEAN-UP	Any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	1 Gallon, 5 Gallon, or 30 Gallon Containers.
STORAGE OF INK CONTAINERS	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight and moist, humid air.
PRODUCT MSDS	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 1110 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