If necessary, mixed ink may be thinned with 1% to 5%, by volume, of mineral spirits or 1% to 5%, by volume, 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.

900 SERIES DIRECT PRINT NYLON INK

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**FEATURES**

- A fast flashing, 2 part plastisol based ink, specifically formulated for printing on normally hard to print nylon.
- This ink has been an industry leader for over 10 years.
- As easy to use as a conventional plastisol and just as durable.

**900 SERIES LF* COLORS**

- 900LF Catalyst**
- 901LF White
- 902LF Black
- 903LF Golden Yellow
- 904LF Scarlet
- 905LF Navy
- 906LF Royal Blue
- 907LF Kelly Green
- 908LF Metallic Silver
- 909LF Metallic Gold
- 910LF Orange

- 911LF Purple
- 912LF Brown
- 913LF Lemon Yellow
- 914LF Process Blue
- 915LF Process Magenta
- 916LF Process Yellow
- 917LF Maroon
- 920LF Clear
- 926LF Athletic Gold
- 931LF FL. Pink
- 932LF FL. Yellow

- 933LF FL Red
- 935LF FL Orange
- 937LF Athletic Dark Orange
- 938LF FL Green
- 939LF FL Blue
- 952LF Athletic Cardinal
- 955LF Shimmer
- 956LF Metallic Silver Shimmer
- 957LF Metallic Gold Shimmer
- 968LF Athletic Light Royal

*LF (Lead Free) Contains less than 0.025% lead. **Correct amount of catalyst is supplied with order. Additional catalyst may be ordered separately.

**Application & Storage Information**

**RECOMMENDED FABRICS**

Nylon, cotton and some cotton/polyester blends. Always test print fabric for adhesion before beginning a production run. 900 Series inks are not low bleed inks. Testing is required for bleed resistance on cotton/polyester blends and 100% polyester.

**INK APPLICATION**

The 900LF series inks must be mixed with the 900LF Catalyst before printing. Catalyst is provided in 2 oz. and 8 oz. containers and 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

1 oz. Catalyst to 1 pint of ink
2 oz. Catalyst to 1 quart of ink
8 oz. Catalyst to 1 gallon of ink

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 catalyization will shorten pot life of ink.

**SCREEN MESH AND EMULSION**

<table>
<thead>
<tr>
<th>STANDARD COLORS</th>
<th>METALLIC COLORS</th>
<th>PROCESS COLORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>125-230 t/in Mono</td>
<td>86 -160 t/in Mono</td>
<td>200 -355 t/in Mono</td>
</tr>
<tr>
<td>49 -90 t/cm Mono</td>
<td>34 - 63 t/cm Mono</td>
<td>79 - 140 t/cm Mono</td>
</tr>
</tbody>
</table>

955LF Shimmer = 60 t/in or 24 t/cm Monofilament

Any direct or indirect lacquer proof emulsion.

Use 20 to 30 micron capillary film and retensionable frames at 20 to 40 Newtons for best results.

**SQUEEGEE**

70-80 Durometer: Sharp edge

**CURE TEMPERATURE**

300°F to 325°F (149°C to 163°C) entire ink film. Test dryer temperatures before a production run. Wash test printed product before beginning production run.

**CLEAN-UP**

Mineral spirits or any environmentally friendly plastisol screen wash.

**PRODUCT PACKAGING**

Quart, 1 Gallon, or 5 Gallon

**STORAGE OF INK**

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.