GENERAL DESCRIPTION:
Tri-Flex 1100 series plastisol, is formulated for direct wet-on-wet printing of athletic and leisure garments and can also be used for the limited manufacture of plastisol transfers. This Series comprises our most extensive range of standard colors, Non-fluorescent and Fluorescent, Metallics, Glitters and other effects.

STOCK:
For direct prints, knit and woven T-shirts, sweatshirts, jerseys, fleece goods, and bandanna stock may all be used. All popular types of transfer release papers may be used to produce cold peel transfers.

STENCILS:
All types of solvent resistant emulsions are suitable.

SCREEN MESH:
A 110T monofilament is the popular choice: direct printing may also employ the use of mesh sizes 60T to 280T monofilament or equivalent.

CURING:
315°F TO 330°F depending on ink deposit, fabric type, ink color and dryer efficiency. Failure to properly cure is the primary reason for ink adhesion failure. Thick ink deposits do require more energy (longer dwell time) to cure, similarly a 100% cotton fabric because of its high moisture content will reduce curing efficiency compared to a 50/50 cotton polyester mix. Dark colors absorb heat and cure faster than light colors. Colors, which reflect heat- metallics, glitters and shimmers, also require more energy to properly cure. Finally the use of a Forced Air Dryer is far more efficient for thorough curing than the use of a Radiant Heat Unit.

WASH-UP:
Tri-sol 25 or equivalent (Mineral Spirits).

STORAGE PROCEDURE:
Store at room temperature. Keep away from heat.
<table>
<thead>
<tr>
<th>Standard Pigment Colors</th>
<th>Process Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1101 S.O. White</td>
<td>110 Process Yellow</td>
</tr>
<tr>
<td>1102 White</td>
<td>120 Process Rubine Red</td>
</tr>
<tr>
<td>1109 Backing White</td>
<td>122 Process Magenta</td>
</tr>
<tr>
<td>1112 Old Gold</td>
<td>150 Process Blue</td>
</tr>
<tr>
<td>1113 Chrome Yellow</td>
<td>152 Process Reflex Blue</td>
</tr>
<tr>
<td>1114 Lakers Gold</td>
<td>153 Process Cyan</td>
</tr>
<tr>
<td>1115 Gold</td>
<td>170 Process Black</td>
</tr>
<tr>
<td>1116 Lemon Yellow</td>
<td>310 Fluorescent Yellow</td>
</tr>
<tr>
<td>1117 Gold Yellow</td>
<td>318 Fluorescent Orange</td>
</tr>
<tr>
<td>1118 Dolphin Orange</td>
<td>320 Fluorescent Red</td>
</tr>
<tr>
<td>1121 Light Red</td>
<td>330 Fluorescent Pink</td>
</tr>
<tr>
<td>1122 Scarlet</td>
<td>340 Fluorescent Green</td>
</tr>
<tr>
<td>1123 Triangle Red</td>
<td>350 Fluorescent Blue</td>
</tr>
<tr>
<td>1124 Deep Red</td>
<td>359 Fluorescent Violet</td>
</tr>
<tr>
<td>1125 Bright Red</td>
<td>390 Fluorescent Magenta</td>
</tr>
<tr>
<td>1126 Flag Red</td>
<td>390 Fluorescent Magenta</td>
</tr>
<tr>
<td>1127 Burgundy</td>
<td>1100-322 Crystalina</td>
</tr>
<tr>
<td>1128 Cardinal</td>
<td>1100-331 Phosphorescent</td>
</tr>
<tr>
<td>1129 Maroon</td>
<td>1190-1-88 Silver Glitter</td>
</tr>
<tr>
<td>1135 Gray</td>
<td>1190-3-88 Gold Glitter</td>
</tr>
<tr>
<td>1142 Kelly Green</td>
<td>1179 Silver</td>
</tr>
<tr>
<td>1144 Dallas Green</td>
<td>1188 OP. Pale R/S Gold</td>
</tr>
<tr>
<td>1149 Navy</td>
<td>1190-25 Ruby Red</td>
</tr>
<tr>
<td>1150 Light Navy</td>
<td>1190-40 Emerald Green</td>
</tr>
<tr>
<td>1151 Light Blue</td>
<td>1190-51 Aquamarine Blue</td>
</tr>
<tr>
<td>1152 Op. Reflex Blue</td>
<td>1190-53 Ultra Blue</td>
</tr>
<tr>
<td>1153 Ultra Blue</td>
<td>1190-57 Royal Blue</td>
</tr>
<tr>
<td>1154 Navy Blue</td>
<td>1190-59 Amethyst Purple</td>
</tr>
<tr>
<td>1155 Brite Blue</td>
<td>1190-70 Gunmetal Black</td>
</tr>
<tr>
<td>1156 Columbia Blue</td>
<td>1190-76 Carat Gold</td>
</tr>
<tr>
<td>1157 Royal Blue</td>
<td>1190-77 Rich Gold</td>
</tr>
<tr>
<td>1158 Turquoise</td>
<td>1190-78 Pale Gold</td>
</tr>
<tr>
<td>1159 Purple</td>
<td>1190-79 Bright Silver</td>
</tr>
<tr>
<td>1160 Tan</td>
<td>1190-799 Super Silver</td>
</tr>
<tr>
<td>1164 Med. Brown</td>
<td>1190-200 Sparkle Bright Coat</td>
</tr>
<tr>
<td>1166 Dark Brown</td>
<td></td>
</tr>
<tr>
<td>1170 Black</td>
<td></td>
</tr>
<tr>
<td>1172 Black Silk</td>
<td></td>
</tr>
<tr>
<td>1173 Batman Black</td>
<td></td>
</tr>
<tr>
<td>1192 Fuschia</td>
<td></td>
</tr>
<tr>
<td>1194 Violet</td>
<td></td>
</tr>
</tbody>
</table>

**Warnings:** For industrial use only. Keep away from children.

*Note:* Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.

Prices subject to change without notice.
GENERAL DESCRIPTION 1300:
Tri-Puff 1300 series plastisol is formulated for direct printing of athletic and leisure garments to give a raised tri-dimensional effect when cured.

GENERAL DESCRIPTION 1600:
Tri-Suede 1600 series plastisol is formulated for direct printing of athletic and leisure garments to give a raised tri-dimensional effect with a distinctive “suede-like texture” when cured. The final effect is softer than traditional puff effects, and greater elasticity.

STOCK:
For direct prints, knit and woven T-shirts, sweatshirts, jerseys, fleece goods, and bandanna stock may all be used. These inks are also suitable for use on cap printing.

STENCILS:
All types of solvent resistant emulsions are suitable.

SCREEN MESH:
Selection here very much determines the finished 3-D effect or loft achieved on curing. A good ink deposit is necessary, and the popular choice is a 60T mesh, while cap printers prefer an 86T.

CURING:
315°F TO 330°F depending on ink deposit, color and dryer efficiency. Please note that it is necessary to fully cure these inks to achieve maximum durability and abrasion resistance. Since the expanding agent becomes active at 265°F, it is possible to have a nicely expanded effect with little or no strength. This will crack and abrade easily, which is totally undesirable.

WASH-UP:
Tri-sol 25 or equivalent (Mineral Spirits).

MIXING PROCEDURES:
This system is designed to be used as supplied without other additions. The base may be used to reduce color concentration or to make up colors using our Color Concentrates. The Puff Concentrate may be used in other plastisol inks up to fifteen percent (15%) to give raised effects, but care must be taken to check carefully for film strength and abrading.

STORAGE PROCEDURE:
Store at room temperature. Keep away from heat.

WARNING: FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
Tri-Puff: 1300 Series
Standard Pigment Colors
1301 White
1370 Black

Bases & Additives
1300-100 Puff Concentrate
1300-200 Puff Ink Base

Tri-Suede: 1600 Series
Standard Pigment Colors
1601 White
1670 Black

Bases & Additives
1600-100 Suede Puff Concentrate
1600-200 Suede Puff Ink Base

Note: The Puff Bases will accommodate up to 25% of the Plastisol Pigment Concentrates. The Puff Concentrates are used by adding 10-15% by weight for ready-to-use inks. This addition WILL cause the color of the ink to change, and the more used, the more effect it will have on the color. Special colors can be made in five gallon minimum lots at no extra charge for color matching.

WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.

Prices subject to change without notice.

53-57 Van Dyke Street, Wallington, New Jersey 07057 • (201) 935-2777, (800) 524-1592 • FAX (201) 935-5961
GENERAL DESCRIPTION:

Series 1400 Thermo-Peel plastisol is formulated for the manufacture of hot-peel transfers. This series can be directly printed on suitable stock as well. Transfers can be made for use on dark garments using the standard colors or the 1400-1300 puff opaque base under the Process colors.

STOCK:

Papers specifically designed for hot-splintering give optimum results, but all types can be used successfully. Uncoated papers can be made to give the "total" transferability of the coated types by utilizing our 1400-200 Transfer Clear Base as a first coat before all other colors are applied.

For direct prints, knit and woven T-shirts, sweatshirts, jerseys, fleece goods, and bandanna stock may all be used.

STENCILS:

All types of solvent resistant emulsions are suitable.

SCREEN MESH:

For Transfer Printing, 196T monofilament is used for the Clear Base, 110T to 196T for the standard colors. Process colors are printed using 305T monofilament mesh. Puff Clear base used for highlighting and opaque transfers are printed using 110T mesh, and 25T mesh used for Glitter effects.

TRANSFER PRINTING:

For best results, transfers should not be overcurled at the partial curing stage, nor excessive heat used during transfer. The ink films should be 'set' at 200°F for most transfer papers, and the conditions of transfer at a temperature of 350°F, dwell time 10 seconds at 40 PSI.

The use of Pneumatic Transfer Machines are recommended for pressure adjustment where puff effects are utilized, or the use of a 'soft' transfer bed, using several layers of fabric.

It is essential to understand that transfers must be printed in reverse for both text and color effects. For example the 4-color transfer with puff highlights is made in the following print sequence:

1. Clear transfer coat directly on the paper stock
2. Process colors in reverse order - cyan, magenta, then yellow.
3. Black for highlights, followed by puff opaque base.

continued…

WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
The production of Opaque Transfers can be effected by the addition of a puff base coat or white basecoat to a standard transfer, and if this is done using a coated transfer paper (either pre-coated or printed with the 1400-200 clear coat), the opacity will be further enhanced. The Standard and Pastel colors are all opaque colors, but even the transparent colors have been used successfully here, since the last coat on the transfer is used to provide the opacifier - in the case of the puff basecoats - the transfer actually lifts from the dark background. Where such a base coat is undesirable, the opaque colors will need to be printed with 10T mesh at the very least. Very heavy deposits using meshes as coarse as 33T, will give a suede-like finish when hot split on stock similar to 55# Soft Trans paper.

Please note the following hints for Hot-Split results:

a. PEEL IMMEDIATELY upon lifting the platen of machine.
b. DO NOT DRAG transfer paper across garment, but pull in one direction in a fast, even motion.
c. DO NOT TOUCH or rub before removing transfer paper. This will cause cooling and can cause holes or blemishes in the transfer.
d. Hot Splitting evenly depends on the ink coating retaining heat while being pulled. Dwell time must be sufficient to allow time to peel the transfer, but platen pressure as well as dwell time should not be so excessive as to drive the ink too much into the fabric. Pressure should be sufficient only to ensure good contact for adhesion.
e. Where a coated paper or our Clear coat 1400-200 is used, this coating splits, allowing total transfer of subsequent colors. Image design with glitter effects must allow the glitter coating to be printed directly on the clear coats or transparent colors (Process) only.

CURING:
These inks are designed for adequate cure during a transfer cycle of 350° to 375°F for 7 to 10 seconds. When used as direct printing inks, 315°F to 330°F depending on ink deposit, color and dryer efficiency.

WASH-UP:
Tri-sol 25 or equivalent (Mineral Spirits).

STORAGE:
Store at room temperature. Do not allow to be heated above 85°F.

Color Availability:
This series is available in limited colors as indicated on the following chart. Special colors can be made to a five-gallon minimum order. There are no extra charges incurred in this service.

WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
### Standard Pigment Colors
- 1400-03 White
- 1400-13 Chrome Yellow
- 1400-16 Lemon Yellow
- 1400-17 Gold Yellow
- 1400-18 Dolphin Orange
- 1400-22 Scarlet
- 1400-25 Bright Red
- 1400-28 Cardinal
- 1400-42 Kelly Green
- 1400-53 Ultra Blue
- 1400-54 Navy Blue
- 1400-57 Royal Blue
- 1400-59 Purple
- 1400-60 Tan
- 1400-66 Dark Brown
- 1400-70 Black
- 1400-92 Fuschia

### Process Colors
- 1400-110 Process Yellow
- 1400-120 Process Rubine
- 1400-122 Process Magenta
- 1400-150 Process Blue
- 1400-152 Process Reflex Blue
- 1400-170 Process Black

### Glitter Colors
- 1400-1-48 Silver
- 1400-3-48 Gold

### Metallic Colors
- 1400-77 Rich Gold
- 1400-78 Pale Gold
- 1400-79 Silver

### Bases & Additives
- 1400-103 Opaque Ink Base
- 1400-200 Trans. Clear Base
- 1400-1300 Trans. Puff Clear Base
- 1400-1301 White Puff
- 1400-1320 Ploy-A Transfer Paste

**WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN**

*NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.*

*Prices subject to change without notice.*

53-57 Van Dyke Street, Wallington, New Jersey 07057 • (201) 935-2777, (800) 524-1592 • FAX (201) 935-5961
GENERAL DESCRIPTION:
FRP Fire Retardant Plastisols contain active efficient fire retardant additives for the printing and decorating of fabrics treated for fire retardance.

STOCK:
These MUST be Fire/flame retardant fabrics usually employed in the production of sleepwear.

STENCILS:
All types of solvent resistant emulsions are suitable.

SCREEN MESH:
A 110T monofilament is the popular choice, but finer meshes up to 196T monofilament or equivalent may be used.

CURING:
315°F TO 330°F depending on ink deposit, color and dryer efficiency.

WASH-UP:
Tri-sol 25 or equivalent (Mineral Spirits).

CAUTION:
Due to the lack of a single standard test, all fabrics must be pre-tested for retention of fire-retardancy properties after printing and complete curing of ink film, in compliance with your Fire/Flame Retardance Specification. If used on fabrics not treated for fire/flame retardance, the ink properties will be adversely affected.

STORAGE PROCEDURE:
Store at room temperature. Keep away from heat.

COLOR AVAILABILITY:
This Series is stocked in White, Black and Clear Base. Standard colors (1100 Series range) are available in one-gallon minimum. Color matches are available in five-gallon minimum per color. Please call for availability and prices.

WARNING: FOR INDUSTRIAL USE ONLY  KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
GENERAL DESCRIPTION:
Sta-True 1700 series plastisol is formulated for printing on polyester and 50/50 polyester/cotton blends for minimal bleed where normal plastisol films would be discolored due to the fabric dyes bleeding into the screen printed film.

STOCK:
Polyester and 50/50 polyester/cotton blends.

STENCILS:
All types of solvent resistant emulsions are suitable.

SCREEN MESH:
110T monofilament is the popular choice, printers may also employ the use of mesh sizes 60T to 160T monofilament or equivalent.

CURING:
315°F to 330°F depending on ink deposit, color and dryer efficiency.

WASH-UP:
Tri-sol 25 or equivalent (Mineral Spirits).

MIXING PROCEDURES:
Stir well before using. For best results, do not add any reducers or additives to these inks.

CAUTION:
It is necessary to pre-test all fabrics prior to production, due to the various dye application methods. Ink films must be cured properly to give good wash resistance and in some cases to prevent ‘post-bleed’ due to dye solubility. There is a tendency to under cure ink films to prevent dye migration due to heat, but this will only result in other problems. Some fabrics may need to be pre-heated to “set” the dyes—this is not altogether desirable, but will produce a more thorough cure due to moisture removal as well.

STORAGE PROCEDURE:
Store at room temperature. Keep away from heat.
### Standard Pigment Colors

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1701</td>
<td>Phoenix White</td>
</tr>
<tr>
<td>1702</td>
<td>Blizzard White</td>
</tr>
<tr>
<td>1705</td>
<td>Glacier White</td>
</tr>
<tr>
<td>1706</td>
<td>Excel White</td>
</tr>
<tr>
<td>1708</td>
<td>Economy White</td>
</tr>
<tr>
<td>1713</td>
<td>L.B. Chrome Yellow</td>
</tr>
<tr>
<td>1716</td>
<td>L.B. Lemon Yellow</td>
</tr>
<tr>
<td>1717</td>
<td>L.B. Gold</td>
</tr>
<tr>
<td>1718</td>
<td>L.B. Dolphin Orange</td>
</tr>
<tr>
<td>1722</td>
<td>L.B. Scarlet</td>
</tr>
<tr>
<td>1726</td>
<td>L.B. Flag Red</td>
</tr>
<tr>
<td>1751</td>
<td>L.B. Light Blue</td>
</tr>
<tr>
<td>1757</td>
<td>L.B. Royal</td>
</tr>
<tr>
<td>1758</td>
<td>L.B. Turquoise</td>
</tr>
<tr>
<td>1700-50</td>
<td>Reducer/Concentrate</td>
</tr>
</tbody>
</table>

Note: Special colors can be made in this series to a five-gallon per color order at no extra color matching charge.
General Description:
Series 900 plastisol inks are formulated to provide in-house color blending to popular color references. These inks are intermixable and are completely curable. Where matches to fabric colors, or to bright and intense color swatches are required, fluorescent colors are provided for intermixing. The Color range consists of two systems which are indicated on the accompanying chart. The 900-2 system formulas give superb opacity and hold-out properties.

Stock:
Direct prints, knit and woven T-shirts, sweatshirts, jerseys, fleece goods, and bandanna stock.

Stencils:
All types of solvent resistant emulsions are suitable.

Screen Mesh:
Monofilament fabrics are recommended. The 900-2 series is intended for mesh sizes 86T to 196T. The 900-3 Soft Touch version is intended for mesh sizes up to 305T. Our 1180-51 Reducer/Detackifier can be used to modify consistency as needed.

Curing:
315°F TO 330°F depending on ink deposit, color and dryer efficiency.

Wash-Up:
Tri-sol 25 or equivalent (Mineral Spirits).

Color Formulas:
Starting formulas to color references or supplied samples (wet or dry), may be obtained from our Technical Service by telephone or telefax. A Color Formula Guide is also provided.

Colors outside of the Formulation guide are subject to predictions which will be based on our in-house Color Computer Matching system, especially where it is necessary to have an immediate starting formula.

Storage:
These inks must be stored under the same precautions of standard plastisol inks. Exposure to heat above 80°F will be detrimental to ink consistency.
Standard Colors

900-201  White
900-210  Yellow
900-222  Scarlet
900-225  Red
900-240  Green
900-251  Blue #1 G/S
900-252  Blue #2 R/S
900-253  Marine
900-259  Violet
900-270  Black

Soft-Touch 3 Colors

900-301  White
900-310  Yellow
900-322  Scarlet
900-325  Red
900-340  Green
900-351  Blue #1 G/S
900-352  Blue #2 R/S
900-353  Marine
900-359  Violet
900-370  Black

Fluorescent Color*

900-3310  Fluorescent Lemon
900-3316  Fluorescent Yellow
900-3318  Fluorescent Orange
900-3320  Fluorescent Red
900-3330  Fluorescent Pink
900-3340  Fluorescent Green
900-3350  Fluorescent Blue
900-3390  Fluorescent Magenta
900-3394  Fluorescent Purple

*Fluorescent colors are interchangeable between the 900-2 and 900-3 Systems.

Note: These colors are ready-for-use. They can be printed directly on fabrics, or intermixed to achieve various PMS colors. Please refer to the TMS Guide for mixing instructions.

WARNING: FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN.
GENERAL DESCRIPTION:
These Color Concentrates have been formulated to provide suitable color dispersions compatible with all of our Plastisol Ink Series. They can be utilized to alter the shades of existing colors, or to create new colors from scratch when incorporated into any of our extensive ink bases.

Color Matching Hints:
In general, it is preferable to work with a “let-down” version of the concentrates to give greater control over color changes. Standard pigment colors marked with an asterisk will give a fairly close match to the PMS basic colors when a five (5%) percent mixture is made using a clear base (e.g. 1100-106) and printed on to white grounds using a 325T mesh.

It is important to recognize that our color perception is influenced by the background color as well as the absorption of the fabric. This often makes it mandatory that the actual fabric grounds be used for the color match and the mesh size to be taken into account. Small amounts of fluorescent colors are often necessary to brighten colors matched to fabric samples.

In most cases, colors are achieved using far less than the maximum amount of concentrate, ten percent (10%) on ink total. Characteristically weak colors such as Ultra Blue however, may need to exceed the recommended concentration and some curing properties have been built into the toner. It is necessary in any case, where the total percentage of color concentrates exceeds the recommended maximum percentage, to check for thorough curing and lack of color rub-off (crock-fastness.)

WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
### Standard Pigment Color Concentrates for Plastisol

- DW 838  Extra White
- DW 839  White
- DH 658  Buff Opaque Base
- DY 817  Yellow R/S
- DY 836  Yellow G/S
- DY 843  Process Yellow
- DO 835  Orange Y/S
- DO 837  Perm. Orange R/S
- DR 820  Perm. Red Y/S
- DR 821  Perm. Red B/S
- DR 832  Scarlet
- DR 840  Perm. Rhodamine
- DR 844  Rubine Red
- DR 845  Red B/S
- DM 829  Maroon
- DP 841  Violet
- DG 825  Green
- DB 826  Phthalo Blue G/S
- DB 827  Milori Blue
- DB 828  Ultra Blue
- DB 831  Phthalo Blue R/S
- DN 824  Black

### Fluorescent Color Concentrates for Plastisol

- FDY 205  Fluorescent Yellow
- FDO 206  Fluorescent Orange Y/S
- FDO 207  Fluorescent Orange R/S
- FDR 208  Fluorescent Orange-Red
- FDR 209  Fluorescent Red
- FDP 199  Fluorescent Pink B/S
- FDP 213  Fluorescent Pink Y/S
- FDR 210  Fluorescent Rose
- FDM 200  Fluorescent Magenta Y/S
- FDM 203  Fluorescent Magenta B/S
- FDV 214  Fluorescent Deep Violet
- FDB 198  Fluorescent Blue
- FDG 211  Fluorescent Green

### Bases & Additives

- 1100-046  OP Base
- 1100-106  Soft Touch Base
- 1180-325  Soft Hand Base
- 1180-51  Reducer/Detack
- 1180-200  Glitter/Metallic Base

**WARNING: FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN.**

*NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed. Prices subject to change without notice.*
Crystalina Iridescent Colors:
Similar in characteristics to Metallic Glitter colors, these products utilize iridescent flakes. These products are available in red, blue and fluorescent varieties as well as the standard green shade.

Glow-in-the-Dark/Phosphorescent Colors:
These products absorb light energy and glow when the light source is removed. Popular standard is a light yellow/green (1100-331) also available in standard fluorescent colors.

Foil Adhesive Bases:
The 1100-797 facilitates the transfer of foil films to most fabrics. This provides durable means of foil and metallic enhancement to printed garments.

Flock Adhesive Bases:
Our 1100-4090 Product is offered for use with flock transfer papers.

High Elongation Inks:
Our STRC products offer high stretch properties for use with Lycra™ and similar fabrics. When properly cured the white ink can be used as a stretch base for use with standard plastisol products. Standard products are White, Black and Base for use with Color Concentrates.

High Density Matte Inks:
These products provide high definition coats in use with thick stencils. Rapid curing with a matte effect is used to provide the contrast necessary for this definitive effect. Offered in White, Black and Base for use with Color Concentrates.

Nylon Mesh Inks:
These are high adhesion products offered for use on Nylon mesh fabrics. Formulation characteristics facilitate reduced after-tack and ease of printing, yet excellent bonding properties. Offered in White, Black and Base as well as Metallic Silver and Gold.
Vinyl Beads/Glitter Adhesive Base:
This product (1100-706) is utilized to create the popular "Caviar Bead" effect. It is applied in a liberal coat and dusted with vinyl beads and/or glitter flakes, spangles etc. Cures to a high degree of bonding with both flakes and garment for durable wear.

Outdoor Banner Inks:
These products have been formulated for extreme weather resistance properties when used to produce decorative or informative banners. The use of high performance Pigment selection and low migratory coating and formulation expects to achieve quite extensive outdoor durability with recommended curing. Color availability on request, many popular standard colors in series.

Shimmer Sparkle Colors:
These are metallic colors formulated to give brilliant sparkle effects using conventional mesh sizes. Although an undercoat must be used, the use of the Sparkle Brite coat is highly recommended, to achieve the best effect. When used on 100% cotton goods as an undercoat for standard plastisol colors, the Sparkle Brite Coat reduces the defective washed out effect (lining.)

Glitter Colors:
In addition to the Silver and Gold Standard colors, these are offered in many popular color variations. Color requests are available with a five-gallon minimum. Prices do vary and will be quoted by order.

WARNING: FOR INDUSTRIAL USE ONLY  KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.

Prices subject to change without notice.
N-Series Nylon Mesh Inks:
N-1001  White
N-1070  Black
N-10873 Gold
N-10877 Silver
N-1000-100 Base

H-D Series High Density Matte Finish:
HD-601  White
HD-670  Black
HD-600-200 Base

STRC Series High Elongation Inks:
STRC-001 White
STRC-070 Black
STRC-100 Base

NOTE: Special colors can be made in any of these Ink Series to five-gallon minimum per color order at no extra charge.

Miscellaneous Products:
1100-797 Foil Adhesive Base
1100-813 Coning Adhesive Base
1100-4090 Flock Transfer Adhesive Base
1100-706 Bead (Caviar) Adhesive Base
1100-809 High Clarity Clear Coat

WARNING: FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
General Description:
1180-66 Tri-Bond Plastisol Additive is used as an additive to Tri-Flex Plastisol inks for printing on nylon shell.

Stock:
All nylon shell fabrics. Since manufacturers use various sizing and water repellent treatments, it is recommended that the fabric be pre-tested with this system prior to production.

Screen Mesh:
110T monofilament or equivalent.

Mixing Procedures:
Add 10-15% (by weight) of 1180-66 Tri-Bond Plastisol Additive to unmodified Tri-Flex Plastisol inks.

MIX THOROUGHLY.
Pot life for mixtures of Tri-Bond Plastisol Additive and Tri-Flex Plastisol Inks is only 4-6 hours, therefore, mix only sufficient quantity for this printing time.
The mixed plastisol will gel overnight, but can not be re-used.

Under high humidity conditions, pot life will be reduced.
Keep unused Tri-Bond Plastisol Additive in tightly sealed containers.

Curing:
1 1/2 to 2 minutes at 315°F to 330°F, depending on efficiency of curing unit.

Wash-Up:
Clean screen with Tri-sol 25 or equivalent (Mineral Spirits).

Caution:
Use with adequate ventilation, protective clothing, gloves, and eye goggles.
Avoid contact with skin and eyes.
See Material Safety Data Sheet for detailed information.

WARNING: FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

NOTE: Please note that all colors are made without the use of lead or heavy metal pigments. The information on this data sheet is based on laboratory tests and production experience. Directions and procedures for use of Triangle-Ink products must be considered as recommendations only. The printer is solely responsible for determining suitability of any Triangle product for a specific application. We recommend that all products be pre-tested prior to production. No warranties are implied or expressed.
www.TRIANGLEINK.com

Wallington, New Jersey
(201) 935-2777 • (800) 524-1592
Fax: (201) 935-5961

Las Vegas, Nevada
(702) 597-5990 • (800) 224-0464
Fax: (720) 597-5993