



RECOMMENDED FABRICS

Nylon
100% Cotton
Some 50/50 Cotton/Polyester Blends
Nonwoven Polypropylene Bags (NPB)



INK APPLICATION

900 Series Nylon Ink must be mixed with the 900 Catalyst before printing, for adhesion to Nylon substrates. For NPB, catalyst is not necessary



ADDITIVES

If modification is necessary, use 1% to 5% by weight of 1110 Curable Reducer. For NPB, 3804 Low Cure Additive can be added up to 6% by weight to lower cure temperature



SCREEN MESH

86-305 t/in (34-120 t/cm) monofilament



EMULSION

Any direct or indirect emulsion or capillary film in the 35 to 70 micron range



SQUEEGEE

70-80 Durometer
Sharp edge



CURE TEMPERATURES

300°F to 325°F (149°C to 163°C)
entire ink film



CLEAN-UP

Any eco-friendly plastisol screen wash



PRODUCT PACKAGING

Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers



STORAGE OF INK CONTAINERS

65° to 90°F (18°C to 32°C)
Avoid storage in direct sunlight
Keep containers well sealed



MSDS

Refer to MSDS8
Refer to 900 Catalyst



Call to Order: (800) 621-4173
www.atlasscreensupply.com

FEATURES

900 Series Nylon Plastisol Ink is a fast flashing, 2 part ink, specifically formulated for printing on normally hard to print Nylon.

Being the industry standard for over 15 years, the ink's harder finish resists scratching, scuffing and peeling for an extremely durable image.

It can also be used without catalyst on nonwoven polypropylene bags (NPB) by adding up to 6% 3804 Low Cure Additive, which reduces cure temperatures down to 275°F (135°C).

COLORS

| | | |
|-------------------|---------------------|--------------------------|
| 900 Catalyst ** | 908 Metallic Silver | 917 Maroon |
| 901 White | 909 Metallic Gold | 920 Clear |
| 902 Black | 911 Purple | 926 Athletic Gold |
| 903 Golden Yellow | 912 Brown | 931 Fluorescent Pink |
| 904 Scarlet | 913 Lemon Yellow | 932 Fluorescent Yellow |
| 905 Navy Blue | 914 Process Cyan | 937 Athletic Dark Orange |
| 906 Royal Blue | 915 Process Magenta | 938 Fluorescent Green |
| 907 Kelly Green | 916 Process Yellow | 939 Fluorescent Blue |
| | | 966 Athletic Light Royal |

** Catalyst must be ordered separately

INK APPLICATION

The 900 Series Nylon Ink must be mixed with the 900 Catalyst before printing on Nylon. Catalyst is available in 2 ounce, 8 ounce, and 1 gallon containers. The catalyst should be thoroughly mixed in to 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 ounce of catalyst to 1 pint of ink
2 ounces of catalyst to 1 quart of ink
8 ounces of 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-catalyzation will shorten the pot life.

If printing on cotton, it is not necessary to catalyze the ink. Print it as you would a normal direct print plastisol ink.

For standard colors, recommended screen mesh is 125-230 t/in (49-90 t/cm). For metallic colors, recommended screen mesh is 86-110 t/in (34-43 t/cm). For process colors, recommended screen mesh is 200-305 t/in (79-120 t/cm).

IMPORTANT INFORMATION

Adding too much reducer or other additives to the 900 Series inks may cause curing/fusing or increased dye migration problems. Test dryer temperatures and wash test printed product before and during a production run.

LEGAL DISCLAIMER

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