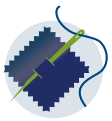
International Coatings™
Textile Screen Printing Inks

All-Pro™ 900 SERIES

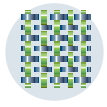
Flex Cure™



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

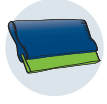
INK APPLICATION
All-Pro™ 900 Series Ink must be mixed with the All-Pro™ 900 Catalyst before printing, for adhesion to Nylon substrates. For NPB, catalyst is not necessary

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
275°F to 325°F (135°C) to 163°C) entire ink film. Fusing at lower temperatures may require a longer dryer retention time. +Metallic colors need longer dwell time.

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
65ºF to 90ºF (18ºC to 32ºC)
Avoid storage in direct sunlight
Keep containers well sealed

SDS
Refer to SDS prior to use

FEATURES

All-Pro™ 900 Series 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 polyporpylene bags (NPB) by adding up to 6% 3804 Low Cure Additive, which reduces cure temperatures down to 250°F (135ºC).

COLORS AVAILABLE

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

** Catalyst must be ordered separately
+ Metallic colors require longer cure dwell times due to the reflective nature of the metallic flakes.

INK APPLICATION

The All-Pro™ 900 Series Ink must be mixed with the All-Pro™ 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/ fusingor increased dye migration problems. Test dryer temperatures and wash test printed product before and during a production run.

DISCLAIMER

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