

7200 Series Inks have been formulated to exhibit the best features of several Nazdar lacquer formulations. 7200 Series offers clean, bright colors for printing POP displays, signs and book covers. All standard colors are lead-free.

SUBSTRATES Coated paper and card stocks, polyolefins, pyroxylin, some synthetic paper stocks, foils, wood, Tyvek[®] and some coated metals

USER INFORMATION

MESH 230-305 tpi (90-120 tpcm) monofilament polyester mesh for most applications

STENCIL Solvent resistant direct emulsions and capillary films

SQUEEGEE 70-80 durometer polyurethane squeegee

COVERAGE 1,800-2,500 square feet (167 - 232 square meters) per gallon depending upon ink deposit

PRINTING Add only enough ink to the screen to be able to print for 5-10 minutes. Add additional ink in small increments throughout the print run to maintain screen stability. Thoroughly mix the inks prior to printing.

Maintain ink temperature at 65°-90°F (18°-32°C) for optimum print drying performance. Lower temperatures increase the ink viscosity, impairing both flow and drying. Elevated temperatures lower the ink viscosity, reducing print definition, film thickness and opacity.

Pretest to determine optimum printing performance for a particular set of ink, substrate, screen, press, and drying variables/conditions.

DRYING 7200 Series ink air dries in 10-15 minutes at normal room temperature. Force drying is achieved in 40-60 seconds at 90°-150°F (32°-66°C). It is important to have good air flow to help remove solvents and accelerate drying. If the temperature is too high without good air flow, blocking may occur when the sheets are stacked warm.

CLEAR / VARNISHES Overprint Clear / Mixing Clear / Metallic Mixing Clear: Use 7227 Mixing/Overprint Clear as a mixing clear to reduce the density of colors or as a clear base for specialty additives such as Metallics. Use as an overprint clear to provide added surface protection to colors.

ADDITIVES All additives should be thoroughly mixed into the ink before each use. Prior to production, test any additive adjustment to the ink.

Reducer: Use RE185 Thinner to reduce the viscosity of these inks. Add up to 5% by weight.

Retarder: Use a blend of 5% of RE185 Thinner and 5% of RE181 Retarder to prevent drying in the screen during hot climate conditions or for slower drying. Over reduction with retarder can result in blocking.

Gloss / Flattening Powders / Improved Slip: Use 7248 Flattening Paste to reduce gloss and improve slip. Add up to 20% by weight.

CLEAN UP Screen Wash (Prior to Reclaim): Use IMS202 Universal Graphic Screen Wash
Press Wash (On Press): Use IMS301 Premium Graphic Press Wash

STORAGE

Store tightly covered at temperatures between 65°-90°F (18°-32°C). Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink.

GENERAL INFORMATION

INK HANDLING

All personnel mixing and handling these products must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the 7200 Series Material Safety Data Sheet for further instructions and warnings.

ADHESION TESTING

1. Touch of ink surface – the ink will be dry.
2. Thumb twist – the ink surface will not mar or smudge.
3. Scratch surface – the ink will resist scratching.
4. Cross hatch tape test – use a cross hatch tool or a sharp knife to cut through ink film only; then apply 3M #600 clear tape on cut area, rub down, wait for 1 minute and rip off at a 180 degree angle. Ink should only come off in actual cut areas.

PRODUCT OFFERING

STANDARD PRINTING COLORS

Standard Printing Colors have excellent opacity and flow characteristics.

PANTONE MATCHING SYSTEM® BASE COLORS

The Pantone Matching System® Base Colors are used to simulate the Pantone® Color Formulation Guide. These inks are press ready, can be used in matches to achieve Pantone® color simulations, or let down with mixing clear.

60 Series Colors: 7260-7269 colors have a high pigment concentration. These colors are formulated to have some white pigment or opaque pigment in order to increase opacity.

SPECIAL ADDITIVES

When inks are to be printed over a special effect color, the overprinting ink(s) must be evaluated for intercoat adhesion before proceeding with the production run. To maximize intercoat adhesion, specialty colors should be printed as late as possible in the print sequence. Pigments may settle in the container; prior to printing, thoroughly mix the ink. The following special effect pigments may be added to the 7227 ink. These pigments are available in 1-pound containers. Contact Nazdar for the item number(s) and availability of each special effect product.

Metallics: Mix only enough metallic ink to be used the same day. Chemical reactions in metallic inks may result in viscosity, color and printability changes over time.

Pearlescents / Interference / Multi-Chromatic: See the Pearlescent, Interference, and Multi-Chromatic Technical Data Sheets for more information.

COLOR CARD MATERIALS

The following is a list of screen printed samples available.

Conventional Color Card: shows the Standard Printing Colors, Pantone Matching System® Base Colors

Special Effects Color Card: shows Metallic, Pearlescent, Interference, and Multi-Chromatic effects mixed with clear

PACKAGING / AVAILABILITY

All items listed below are inventoried items and available in quart and gallon containers.

Stock Number	Standard Printing Colors	Stock Number	Pantone Matching System® Base Colors
7210	Primrose Yellow	7258	Tinting White
7211	Lemon Yellow	7259	Tinting Black
7212	Medium Yellow	7260	Orange
7219	Fire Red	7261	Yellow
7220	Brilliant Orange	7262	Warm Red
7221	Peacock Blue	7263	Rubine Red
7222	Ultra Blue	7264	Rhodamine Red
7227	Mixing/Overprint Clear	7265	Purple
7252	Super Opaque Black	7266	Violet
7275	Super Opaque White	7267	Reflex Blue
		7268	Process Blue
		7269	Green

PACKAGING / AVAILABILITY

All items listed below are inventoried items.
Additives/Reducers are available in gallon containers.
Cleaners are available in gallon, 5 gallon, and 55 gallon containers.

Stock Number	Additives/Reducers	Stock Number	Clean Up
7248	Flattening Paste (also available in quarts)	IMS202	Universal Graphic Screen Wash
RE181	Retarder	IMS301	Use IMS301 Premium Graphic Press Wash
RE185	Thinner		

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

Based on information from our raw material suppliers, these products are formulated to contain less than 0.06% lead. If exact heavy metal content is required, independent lab analysis is recommended.

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