Decal Inks Application Chart

Best Choice
Good Choice

	Base Chemistry	Indoor / Outdoor	Plastics												Paper
			ABS	Acetate	Acrylic	Butyrate	PETG	Polycarbonate	Polyester (Print Treated)	Polyester (Top Coated)	Polystyrene	Vinyl Banner	Vinyl Decal	Vinyl (Rigid)	Coated Papers
3500	UV	I/O								C					
3600	UV	I/O										F			
GV	SB	I/O													
S2	SB	I/O										F			
VF	SB	I													
223900RP	SB	I/O	C	C	C						C		C	C	
RA1000	UV	I/O													
RA2000	UV	I/O													

C - with catalyst **F** - Recommended for testing with flattener
Base Chemistry: "UV" = ultraviolet, "SB" = solvent-based. **Indoor Only/Outdoor:** "I" = Indoor, "O" = Outdoor.
Note: For complete descriptions of each ink series, please refer to the Technical Data Sheets available online at: www.nazdar.com.

Decal Inks are not recommended for 2nd surface applications requiring backing with acrylic adhesives.

Decal Inks Color Availability

To receive accurate color charts, contact your local Nazdar distributor or call Nazdar Customer Service, USA: 800.767.9942, International: (913) 422-2255 or email: cserv@nazdar.com to request a Nazdar Color Selector.

PANTONE® Base Colors

The 60 Series and 360 Series are two unique systems utilizing base colors plus Tinting White and Tinting Black to simulate the PANTONE Color Specifier 1000. These colors are designed to be used in color mixes but can be printed on their own and will print line art images with excellent color brilliance, gloss, and ink flow. The 360 colors were developed to offer cleaner, brighter PANTONE color matches. Consult the Nazdar UV Screen Inks Color Simulations Formula Guide for the PANTONE MATCHING SYSTEM® to match formulas to specific PANTONE colors*.

Nazdar 60 and 360 colors are designed for use with the ColorStar® Color Management Software system to produce PANTONE® color match simulations.

Standard Printing Colors

The standard printing colors provide excellent flow characteristics and are ready to print from the container.

Fluorescent colors, Metallics, Pearlescents, Phosphorescents and other special effect formulations are available upon request in select ink series. Color Card: CARDSPL

Halftone Colors for Four-Color Process Printing

Nazdar halftone inks provide outstanding four-color process performance and are available in LTR (Low Tack Rheology) and MTR (Medium Tack Rheology) viscosities in select ink series. Nazdar also offers standard and dense halftone colors for printers that want the ability to further adjust the density levels of their halftone inks. Most Nazdar halftone inks conform to ISO 2864/ISO 12647 specifications for solid ink values.

Nazdar Color Matching Services

Nazdar's precise color matching services meet the specific needs of customers by providing printers with either color match formulas or inks blended to match a designated color sample. We offer the UV Screen Inks Color Simulation Formula Guide for the PANTONE Matching System®specifically designed to save time and money while increasing overall proficiency in matching the colors included in the PANTONE® Color Formulation Guide. Nazdar can also match difficult or large quantity color matches. Contact your local Nazdar Ink distributor or email: custserv@nazdar.com.

ColorStar® ink formula management

ColorStar®

Ink Formula Management Software for Windows™

The tools you need to increase efficiency, reduce costly set up time, eliminate waste, and increase profits.

ColorStar is a powerful productivity tool developed specifically for screen-printing shops, offering a list of features to make business more efficient and profitable. The ColorStar package includes Pantone® formula matches for the most popular Nazdar UV and conventional inks, and comes complete with software and an easy to follow manual.

ColorStar® is available in several versions to meet your production requirements and fit your budget:

ColorStar® Pro 2.0 - Ink formula management system with formula calculator & storage

ColorStar® CheckWeigh System - Ink formula management system with integrated computer hardware and scale

ColorStar® Online - Provides a fast, easy way for Nazdar customers to achieve highly precise Pantone color matches. www.nazdar.com/colorstar

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*Pantone®, Inc.'s check-standard trademark for color.

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NAZDAR INK TECHNOLOGIES

NAZDAR DECAL SCREEN PRINTING INKS

Nazdar.com

NAZDAR
INK TECHNOLOGIES

Why does Nazdar have so many lines of decal ink? Because there are so many decal applications.

Get the reliable output your customers demand.

From it's mid-nineteenth century French beginnings as decalcomania, the art and science of transferring designs from specially prepared paper to a wood, glass, metal or plastic surface has continued to proliferate in almost every industry imaginable, along with greater demands for flexibility, outdoor durability, color-fastness and chemical resistance.

Nazdar decal inks have been formulated for use on a wide range of vinyl, polyester, and other substrates, providing today's screen printers with the flexible, high quality, reliable output their customers demand. With seven different lines of decal ink to choose from, Nazdar serves as a single source for almost any printer's unique requirements.

Please take the time to explore this brief guide to discover all that Nazdar decal inks have to offer. To learn more about the performance specifications of a particular ink, call your local Nazdar distributor or visit www.Nazdar.com.

3500 Series
UV Durable Graphic Screen Ink

3500 Series screen ink has been formulated specifically for long term outdoor applications on pressure- sensitive vinyl. Offering exceptional flexibility, exterior durability, and chemical resistance, 3500 Series may be used on thermo-cut, die-cut, or pre-masked decals.

3600 Series
UV Decal Screen Ink

A UV curable ink designed for performance on pressure-sensitive vinyls, print treated polyesters, other types of vinyls and plastics, and some paper and card stocks. 3600 Series exhibits exceptional exterior durability and chemical resistance, and is ideal for thermo-cut, die-cut or pre-mask applications.

GV Series
Gloss Vinyl Screen Ink

Formulated for printing on vinyl surfaces where a high gloss finish is required, GV Series dries to an extremely flexible film, which may be vacuum formed. Very durable in outdoor conditions, this ink is perfect for use on vinyl, first surface polycarbonate or plexiglass.

System-2 Series
Gloss Vinyl Screen Ink

A high-gloss, solvent-based ink formulated for optimum performance on pressure-sensitive vinyls and top-coated polyesters used for decal applications.

VF Series
Flat Vinyl Screen Ink

Formulated to fuse with vinyl surfaces, and can be used on both rigid and flexible vinyl plastic, as well as some vinyl coatings. A fast drying ink with excellent opacity and good printability, the VF Series provides excellent water and chemical resistance for shower curtains, vinyl banners, and more.

223900RP
2 Part Urethane Overprint Clear

223900RP 2-Part Urethane Overprint Clear has been formulated to exhibit excellent outdoor durability, good chemical resistance (excluding MEK) and flexibility. It has a high gloss and wet look finish. Urethane Clear is designed for printing over Nazdar® inks, including Plastic Plus, 9700 and System 2 Series.

RA1000 Roller Coat Clear
UV Premium Liquid Lamination Clear

A UV curable protective coating to maximize the durability and abrasion resistance of printed graphics. This product shows excellent clarity and flow-out properties. Designed to offer protection over some screen and digital inks on pressure sensitive vinyl.

RA2000 Roller Coat Clear
UV POP Liquid Lamination Clear

A UV curable protective coating to enhance the durability and abrasion resistance of printed graphics. This product shows excellent clarity and flow-out properties. Designed to offer protection over some screen and digital inks on pressure sensitive vinyl, rigid vinyl and styrene.