With over 50 different lines, Nazdar offers the most comprehensive selection of UV, water-based and conventional screen printing inks obtainable from a single source. Dedicated to offering screen printing inks that help you achieve higher levels of economy and performance, along with special formulations to meet your unique requirements, Nazdar has the perfect ink for indoor or outdoor applications printed on paper, plastics, textiles, metal, glass, containers or packaging.

The following pages offer you a brief description of the various inks offered by Nazdar. They are grouped by application, presenting appropriate substrates to which each ink will acceptably adhere based on testing done by Nazdar.

Product Symbols

Symbols are used throughout this section to provide a quick visual reference for certain important product features. They represent the type of chemistry used in formulating specific ink products.

Solvent Inks

Ultraviolet Inks

Water-based Inks

Product Specifications

Since the intent of the following pages is to give you an overview of what is available, you will note that specifics such as printing, cure parameters, clears, extenders, additives, reducers, thinners, etc., are not included in this catalog. **You are strongly encouraged to contact your Midwest rep for complete descriptions and Technical Data Sheets of the ink series you are interested in using. These sheets are also available on Nazdar's web site at: www.nazdar.com.**

Nazdar and Midwest recommend that you always pretest any ink prior to beginning a production run.

ColorStar® System Ink

This symbol designates inks that are part of Nazdar's ColorStar Color Management System Software. ColorStar is used to produce accurate PANTONE® color matches, cost-out jobs, store custom ink formulations and much more. The ColorStar packages include PANTONE formula matches to the most popular Nazdar UV and conventional inks and comes complete with software, an easy-to-follow manual and a tutorial video program. The ColorStar System:

- Increases your productivity.
- Allows you to produce correct PANTONE color matches time after time.
- Helps reduce set-up time and costs with repeat print jobs by allowing you to store the print parameters along with each formula.
- Guarantees the right quantity of ink mixed for each print job by allowing you to perform accurate calculations before you begin.
- Allows you to accurately cost out a job before giving a quote.
- Is compatible with any PC in the Microsoft® Windows environment.

Available Color Management Systems Software:

ColorStar® Pro 2.0: accurately predicts quantity usage.

ColorStar® Manager: features powerful inventory control module.

ColorStar® CheckWeigh System: fully integrated system including computer hardware and interfaced scale.

NAZDAR

Color Selector

UV Screen Inks

The UV Screen Ink color selector is a representation of the palette of colors available in Nazdar ink systems for screen printing applications which are cured with Ultraviolet (UV) light. Not all colors are available in all ink series. Contact Midwest for specific ink series color availability.

Look for this symbol on the following pages to signify UV ink series. Unless otherwise noted, refer to this color selector for ink series with matching symbols.

UV INK

STANDARD COLORS

These bold and durable colors offer exceptional printing performance. The standard printing colors provide excellent flow characteristics and are ready to print from the container. Fluorescent colors are available upon request in select ink series.

- **10** Primrose Yellow
- **11** Lemon Yellow
- **12** Medium Yellow
- **13** Emerald Green
- **19** Fire Red
- **20** Brilliant Orange
- **21** Peacock Blue

PANTONE® BASE COLORS

The 60 Series colors are highly concentrated versions of the base colors used to simulate the PANTONE® Color Specifier 1000. Consult the Nazdar Conventional Screen Inks Color Simulation Formula Guide for the PANTONE MATCHING SYSTEM® to match formulas to specific PANTONE colors. These inks are meant to print line art. These colors are designed to be used in color mixes but can also be used on their own and will print with excellent color, gloss and ink flow.

- **61** Yellow
- **62** Warm Red
- **63** Rubine
- **64** Rhodamine Red
- **65** Purple
- **66** Violet
- **67** Reflex Blue
- **68** Process Blue
- **69** Green

The 360 colors were developed to offer cleaner, brighter PANTONE color matches by removing the white pigment from the standard 60 series colors and increasing the amount of remaining pigments. The 360 inks will be more brilliant in color but will exhibit less opacity than the 60 series inks.

- **360** Orange
- **361** Yellow
- **362** Warm Red
- **363** Rubine
- **364** Rhodamine Red
- **365** Purple
- **366** Violet
- **367** Reflex Blue
- **368** Process Blue
- **369** Green

SINGLE PIGMENT TONERS

These remarkably clean single pigment toners are formulated with transparent pigments specially selected for their superior exterior performance. Single pigment toners can be used to enhance color matching and may be let down with 26 Mixing Clear to achieve various transparent shades. Special transparent colors are available upon request.

- **80** Yellow
- **81** Orange
- **89** Red
- **82** Carmine
- **83** Magenta
- **84** Maroon
- **85** Green
- **86** Blue GS
- **87** Blue RS
- **88** Violet

HALFTONES

The primary subtractive colors used for full color reproduction with halftone art are based on SWOP color standards for color hue and density. These colors are used in guiding color standards for commercial proofing systems. Halftone Extender base can be used with these colors to reduce the density of the color.

- Halftone Cyan **91, 121, 141**
- Halftone Magenta **92, 122, 128, 148**
- Halftone Yellow **93, 123, 127, 147**
- Halftone Black **94, 124, 144**
- Econo Magenta **16122, 16142**
- Econo Yellow **16123, 16143**
- Econo Magenta Dense **16132, 16152**
- Econo Yellow Dense **16133, 16153**
- Halftone Cyan Dense **101, 131, 151**
- Halftone Magenta Dense **102, 132, 138, 158**
- Halftone Yellow Dense **103, 133, 137, 157**
- Halftone Black Dense **104, 134, 154**
- Halftone Yellow (RS) Dense **135, 155**
- High Intensity Black **136, 156, 356**

Colors are printed representations and may not match the actual product colors.

Nazdar UV inks do not contain N-Vinyl-2-Pyrolidone (trade name V-Pyrol®)

Contact Midwest for MSDS and technical data sheets

NAZDAR

Color Selector

Conventional & Water-Based Screen Inks

The Conventional Screen Inks Color Chart is representative of the colors available in several Nazdar Conventional ink series; however, some colors are not available in all ink series. Check the specific product pages for specific ink series color availability.

Look for these symbols on the following pages to signify the type of chemistry used in formulating each specific ink line. Unless otherwise noted, refer to this color selector for ink series with matching symbols.

STANDARD COLORS

These bold and durable colors offer exceptional printing performance. The standard printing colors provide excellent flow characteristics and are ready to print from the container. Fluorescent colors are available upon request in select ink series.

- **10** Primrose Yellow
- **11** Lemon Yellow
- **12** Medium Yellow
- **19** Fire Red
- **20** Brilliant Orange
- **21** Peacock Blue
- **22** Ultra Blue
- **HTY** Halftone Yellow
- **HTR** Halftone Red
- **HTB** Halftone Blue

Halftone Colors (HT): These primary subtractive colors are used for full color reproduction with halftone art. A halftone black supplements the four-color system. Halftone Extender base can be used with these colors to reduce the density of the color.

PANTONE® BASE COLORS

The 60 Series colors are highly concentrated versions of the base colors used to simulate the PANTONE® Color Specifier 1000. The higher pigment concentration of the 60 Series provides stronger colors, greater opacity and easier color matching. Consult the Nazdar Conventional Screen Inks Color Simulation Formula Guide for the PANTONE MATCHING SYSTEM® to match formulas to specific PANTONE colors.

- **60** Orange
- **61** Yellow
- **62** Warm Red
- **63** Rubine
- **64** Rhodamine Red
- **65** Purple
- **66** Violet
- **67** Reflex Blue
- **68** Process Blue
- **69** Green

SINGLE PIGMENT TONERS

These remarkably clean single-pigment toners are formulated with transparent pigments specially selected for their superior exterior performance. Single-pigment toners can be used to enhance color matching and may be let down with 26 Mixing Clear to achieve various transparent shades. Special transparent colors are available upon request.

- **80** Yellow
- **81** Orange
- **89** Red
- **82** Carmine
- **83** Magenta
- **84** Maroon
- **85** Green
- **86** Blue GS
- **87** Blue RS
- **88** Violet

Colors are printed representations and may not match the actual product colors.

Contact Midwest for MSDS and technical data sheets

NAZDAR

Poster Inks

G3300 Series UV Gloss Poster Screen Ink

UV INK

COLORSTAR®

Features: One part, V-Pyrol-free UV curable ink formulated for use on coated paper and board and some uncoated paper and board surfaces. For P.O.P. displays, posters, corrugated containers, signage and greeting cards.
Substrates: Coated paper, coated board, some uncoated paper, and board surfaces.
Applications: P.O.P. displays, posters, corrugated containers, signage, and greetings cards.
Mesh: 355-390 (140-150 cm) Monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester can be used for specialty applications.

SP Series Satin Poster Screen Ink

SOLVENT-BASED

Features: Satin finish solvent-based screen ink formulated for printing on the porous papers used for outdoor billboard applications.
Substrates: Uncoated, porous paper used in outdoor billboard and other applications.
Applications: Billboard advertising.
Mesh: 200-245 monofilament polyester mesh is recommended for most applications.

ECSP Series Economy Satin Poster Screen Ink

SOLVENT-BASED

Features: Economical, satin-finish solvent-based ink formulated for billboard applications and printing on paper or cardboard for P.O.P. displays. Great density of color and good opacity even when mixed with base. Excellent resistance to billboard application pastes.
Substrates: Uncoated/coated paper and card stock.
Applications: Short-term, cost-effective posters, window signs.
Mesh: 200-245 monofilament polyester.

JG Series Jet-Set V-Glo Screen Ink

SOLVENT-BASED

Features: Solvent-based, highly pigmented screen inks formulated for outdoor billboards and other short-term posters. High impact colors. Excellent screenability, very fast dry and non-blocking and resetting characteristics.
Substrates: Uncoated/coated paper and card stock.
Applications: Short-term, cost-effective posters, window signs.
Mesh: 200-245 monofilament polyester.

5500 Series Flat Poster Screen Ink

SOLVENT-BASED

Features: Flat-finish solvent-based ink formulated for printing on paper and card stock. Ideal for cost-effective, short-term P.O.P displays, posters, serigraphs.
Substrates: Coated and uncoated paper and card stock.
Applications: Cost-effective, short-term POP displays, posters, serigraphs.
Mesh: 175-230 monofilament polyester.

01 Primrose Yellow	**28** Brilliant Magenta
02 Light Chrome Yellow	**14** Emerald Green
18 Medium Yellow	**25** Cyanine Green
13 Yellow Ochre	**16** Dark Green
58 Raw Sienna	**10** Cerulean Blue
33 Brilliant Light Orange	**54** Dark Peacock Blue
55 Bright Red	**15** Cobalt Blue
20 Fire Red	**08** Radiant Ultra Blue
04 Sign Red	**47** Dark Royal Purple
44 Scarlet Red	**09** Midnight Blue
46 Carmine Red	**61** Brilliant Pale Gold
05 Burgundy Red	**21** Rich Brown
26 Super Maroon	**57** Raw Umber
27 Bright Cerise	

For ordering purposes, colors in the 5500 inks begin with 55 (example: Primrose Yellow should be ordered as color #5501).
Colors are printed representations and may not match the actual product colors.

5500 Series Daylight Fluorescent Screen Ink

SOLVENT-BASED

Features: Formulated for use on paper and cardboard P.O.P. displays. Excellent printability and durability. Provides optimal impact with sustained color brilliance.
Substrates: Paper and card stock.
Applications: POP displays.
Mesh: 175-230 monofilament polyester.

94 Citron Yellow	**93** Crimson Red
96 Golden Yellow	**90** Vibrant Magenta
98 Tropical Orange	**95** Poppy Red
91 Flame Orange	**99** Galaxie Blue
97 Coral Pink	**92** Mint Green

For ordering purposes, colors in the 5500 inks begin with 55 (example: Citron Yellow should be ordered as color #5594).
Colors are printed representations and may not match the actual product colors.

Contact Midwest for MSDS and technical data sheets

NAZDAR

Point of Purchase Inks

N1200 Series UV CoroPlus Screen Ink

Features: The N1200 Series is a one-part ink, which exhibits a high gloss finish in all colors. Its flexibility enables the finished sign to undergo bending, die cutting, hole punching and stapling.
Substrates: Designed for treated corrugated polypropylene and some high-density polyethylene sheeting with a surface tension at or above 42 dynes/cm.
Applications: Formulated for applications on treated polypropylene that require up to 12 month limited outdoor performance. Real estate, political, and bus sign applications, along with other P.O.P. applications. *Not recommended for container, polyethylene banner, or nameplate applications*.
Mesh: 355-390 (140-150 cm) Monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester can be used for specialty applications.

1500 Series UV Flexiform Screen Ink

Features: A UV-curable screen ink designed for three-dimensional forming on a wide variety of substrates. Properly cured, these inks will exhibit excellent adhesion, as well as superior flexibility for vacuum or thermal forming applications in P.O.P., beverage, recreational and specialty markets.
Substrates: Styrene, Polycarbonate, ABS, Acrylic, PETG, PVC.
Applications: Three-dimensional signs, game boards, beverage panels, recreational helmets and specialty items requiring vacuum or thermal formed displays.
Mesh: 355-390 (140-150 cm) Monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester can be used for specialty applications.

VersaPrint™ 1700 UV Screen Ink

Features: VersaPrint™ is a one-part, 100% solids UV-curable screen printing ink which exhibits a high-gloss finish. Formulated to meet the processing speeds of the most modern printing equipment, it cures at low levels of UV energy, reducing costs and substrate heat exposure. Comes in the complete range of Nazdar colors.
Substrates: Flexible banner substrates (vinyl, polyethylene, polypropylene), pressure-sensitive vinyl, corrugated plastics, styrene, static cling, cardstock and paper.
Applications: P.O.P. applications for indoor and outdoor advertising.
Mesh: 355-390 (140-150 cm) monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester mesh may be used for specialty applications.

PowerPrint™ 1600 Series UV Retail Display Screen Ink

Features: Multi-purpose ink formulated to meet the increased processing speeds of modern printing equipment, while curing at lower levels of ultraviolet energy. The 1600 Series inks cure to a low odor, tough, gloss finish that will resist blocking in two-sided print applications on rigid plastics. The 1600 Series is inter-printable with the 3200 Series.
Substrates: Rigid styrenes, rigid vinyls, pressure-sensitive vinyls, some acrylics, coated papers, coated cardstocks and treated fluted polypropylenes.
Applications: Retail applications to be used for indoor and short-term outdoor displays.
Mesh: 305-390 (140-150cm) monofilament polyester mesh is recommended for most applications. 305-420 (120-165cm) monofilament polyester can be used for specialty applications.

NB80 Additive is recommended to be added at a level of 5% by weight in the 1600 Series inks to further enhance adhesion on treated fluted polypropylenes and some acrylics.

PowerPrint® Plus 1800 UV Screen Ink

Features: Formulated to meet the processing speeds of the most modern printing equipment including in-line presses for a wide range of substrates. Features include: curing at lower UV output, low odor, hard ink surface, and high block resistance.
Substrates: Many substrates used for P.O.P. printing, including: corrugated styrene, card stock, coated paper, matte vinyl, rigid vinyl, polyester top-coated, pressure-sensitive vinyl, polyethylene and polypropylene banner.
Applications: P.O.P. applications on a wide range of substrates for indoor and outdoor advertising.
Mesh: 355-390 (140-150 cm) monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester mesh can used for specialty applications.

PowerPrint® Banner 1900 Screen Ink

Features: Formulated to excel in performance for the indoor and outdoor P.O.P. display and banner printing. Features low UV output required for curing, low odor, good flexibility, and extremely high block resistance. Provides exceptional printability and exhibits a high level of color reproduction.
Substrates: Vinyl banner, treated polyethylene banner, most static cling, pressure sensitive vinyl and some styrene.
Applications: P.O.P. applications on a wide range of substrates for indoor and outdoor advertising.
Mesh: 355-420 tpi (140-165 tpcm) monofilament polyester mesh for most applications.

Contact Midwest for MSDS and technical data sheets

NAZDAR

Point of Purchase Inks

3200 Series UV Point-of-Sale Screen Ink

Features: Cures to a tough, glossy finish that will resist blocking in two-sided print applications.
Substrates: Styrene, rigid PVC, fluted polypropylenes, vinyls, acrylics, some coated papers and some coated card stocks.
Applications: For Point-of-Sale applications on a wide range of plastics, coated papers and coated boards that will be used for indoor and outdoor advertising.
Mesh: 355-390 (140-150 cm) monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester can be used for specialty applications.

NB80 Additive is recommended to be added at a level of 5% by weight in the 1600 Series inks to further enhance adhesion on treated fluted polypropylenes and some acrylics.

3900 Series UV Flexible Banner Screen Ink

Features: Non-blocking UV-curable ink. Flexible enough to accommodate folding, sewing and grommeting.
Substrates: Vinyl banner, cling vinyl, low-tack vinyl and other flexible vinyls.
Applications: Indoor and outdoor vinyl banners, low-tack and cling vinyl, double-sided window graphics.
Mesh: 355-390 (140-150 cm) monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) Monofilament polyester can be used for specialty applications.

9700 Series All Purpose Screen Ink

Features: High-gloss, opaque solvent-based ink.
Substrates: Performs on paper, card stock, polystyrene, vinyl, TYVEK®, coated polyester, rigid vinyl, acrylic and many synthetic paper stocks.
Applications: Indoor and outdoor P.O.P. advertising and display applications requiring two to three years' durability.
Mesh: 230-355 monofilament polyester, 305-355 for halftone reproduction.

7200 Series Lacquer Screen Ink

Features: Clean, bright colors for P.O.P. displays, signs and book covers.
Substrates: Coated paper and card stocks, polyolefins, pyroxylin, some synthetic paper stocks, foils, wood, TYVEK and some coated metals.
Applications: P.O.P. displays, signs and book covers.
Mesh: 230-305 monofilament polyester.

PP Series Plastic Plus Gloss Vinyl Screen Ink

Features: Solvent-based ink for printing on PVC, acrylic, vinyl films and sheets, print-treated polyester, ABS and styrene. High-gloss, extremely opaque and flexible finish.
Substrates: PVC, acrylic, vinyl films and sheets, print-treated polyester, ABS and styrene.
Applications: Great for long-term exterior performance on plastic signage and displays requiring vacuum formability, abrasion and water resistance.
Mesh: 200-355 monofilament polyester mesh is recommended.

7900 Series Corogloss Screen Ink

Features: Solvent-based gloss ink formulated for applications on fluted or corrugated polypropylene plastics.
Substrates: Treated polypropylene, corrugated/fluted rigid plastics.
Applications: Transportation graphics, real-estate, P.O.P and other outdoor signage.
Mesh: 230-305 monofilament polyester.

7700 Series POP Plus Screen Ink

Features: The ultimate solvent-based ink for high-volume P.O.P. displays and quick turn-around processing. Formulated for high speed printing and drying.
Substrates: Styrene, coated paper and card stock, rigid vinyl, other synthetic stocks and plastics.
Applications: P.O.P displays.
Mesh: 230-355 monofilament polyester.

2700 Series Aquasafe Water-Based All-Purpose Gloss Screen Ink

Features: Water-based P.O.P. ink formulated for screen printing. Weather-resistant and flexible enough for vacuum forming.
Substrates: Coated paper, cardboard, pressure-sensitive vinyl, top-coated polyester, static cling, polycarbonate, some coated metals and styrene.
Applications: P.O.P displays.
Mesh: 180-305 (70-120 cm) monofilament polyester mesh is recommended for most applications.

Contact Midwest for MSDS and technical data sheets

NAZDAR

Decal Inks

3500 Series UV Durable Screen Ink

UV INK

COLORSTAR®

Features: The 3500 Series Screen Ink has been formulated specifically for outdoor applications on pressure-sensitive vinyl. The 3500 Series exhibits exceptional flexibility, exterior durability, chemical resistance, and may be used on decals that will be thermo-cut, die-cut or premasked.
Substrates: Premium pressure-sensitive vinyls.
Applications: Highly flexible and durable pressure-sensitive decals for Fleet and Original Equipment Manufacture (OEM).
Mesh: 355-390 (140-150 cm) Monofilament polyester mesh.

3600 Series UV Decal Screen Ink

UV INK

COLORSTAR®

Features: A U-curable ink designed for performance on pressure-sensitive vinyls, print-treated polyesters as well as some other types of vinyls and plastics, plus some paper and card stocks. Exhibits exceptional exterior durability and chemical resistance. Will thermo-cut, die-cut and pre-mask.
Substrates: Pressure-sensitive vinyls, print treated polyesters, as well as some other types of vinyls and plastics.
Applications: For most decal applications in the OEM, product identification and consumer markets.
Mesh: 355-390 (140-150 cm) Monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) Monofilament polyester can be used for specialty applications.

GV Series Gloss Vinyl Screen Ink

SOLVENT-BASED

Features: Formulated for printing on vinyl surfaces where a high-gloss finish is required. Dries to an extremely flexible film which may be vacuum formed. Resistant under outdoor exposure. Use for vinyl, polycarbonate or plexiglass nameplates and identification panels.
Substrates: Vinyls, polycarbonate, acrylic.
Applications: Nameplates, identification panels, vacuum formed applications.
Mesh: 150 to 305 monofilament polyester.

9600 Series Polyester Screen Ink

SOLVENT-BASED

Features: Designed for printing on untreated polyester, polyester coated surfaces, some treated or top coated polyester films and polycarbonate. Ideal for decals, bottles, appliques, nameplates and in-mold decorating.
Substrates: Untreated polyester, polyester coated surfaces, some treated or top-coated polyester films, and polycarbonate.
Applications: Decals, bottles, appliqués and nameplates.
Mesh: 200 to 330 monofilament polyesters.

VF Series Flat Vinyl Screen Ink

SOLVENT-BASED

Features: Formulated to fuse with vinyl surfaces; can be used on both rigid and flexible vinyl plastic as well as some vinyl coatings. Excellent opacity and good printability. Fast drying. Provides excellent water and chemical resistance for shower curtains, vinyl banners, etc.
Substrates: Flexible vinyl and some vinyl coated materials.
Applications: Binders, shower curtains, vinyl banners and static cling vinyl.
Mesh: 150 to 280 monofilament polyester.

130 Primrose Yellow	**164** Cerise
132 Lemon Yellow	**162** Purple
134 Chrome Yellow	**152** Light Blue
124 Orange	**156** Brilliant Ultra Blue
103 Brilliant Red	**159** Permanent Blue
104 Bright Red	**146** Cyanine Green
105 Cadmium Red	**148** Dark Green
106 Carmine Red	**114** Brown

Colors are printed representations and may not match the actual product colors.

S2 Series Systems-2 Gloss Vinyl Screen Ink

SOLVENT-BASED

COLORSTAR®

Features: A high gloss, solvent-based ink formulated for optimum performance and excellent outdoor durability.
Substrates: Pressure-sensitive vinyl and print-treated polyester decals.
Applications: Pressure-sensitive decals recommended for exterior exposure.
Mesh: 230-330 monofilament polyester is recommended. All PANTONE® color matches were developed using a 260 mesh.

VP Series Vinyl Plus Screen Ink

SOLVENT-BASED

Features: A fast-dry premium quality vinyl ink with excellent long term outdoor durability, specifically formulated for high-speed printing on a wide variety of vinyl and some other plastic substrates. An excellent product for soft, white vinyl decals for fleet marking, equipment identification, etc.
Substrates: Pressure sensitive vinyls, reflective vinyl, most vinyls, vinyl coated surfaces, polycarbonate, T.C. polyesters, flexible vinyl awnings.
Applications: Reflective and flexible signage, decals, OEM identification, license plates, fleet markings, membrane switch, and acrylic displays.
Mesh: 110/cm (280/in.) monofilament screen.

Contact Midwest for MSDS and technical data sheets

NAZDAR

Metal Decorating Inks

59000 Series Enamel Plus Gloss Screen Ink

Features: A solvent-based enamel ink formulated to print on hard-to-adhere-to surfaces.
Substrates: Glass, metal, wood and some hard plastics.
Applications: Outdoor signs and displays.
Mesh: 200-280 monofilament polyester.

8900 Series SuperSet Thermo-Set Screen Ink

Features: A high-solids, high-gloss, solvent-based screen ink formulated to provide maximum flexibility and intercoat adhesion with multiple bakes. Great exterior durability.
Substrates: Pre-coated metal substrates; coatings include enamel, polyester, acrylic, vinyl and epoxy.
Applications: Exterior signage, nameplates and P.O.P display advertising.
Mesh: 230-305 monofilament polyester.

Banner Inks

3800 Series Polybanner Screen Ink

Features: A UV-curable ink formulated for surface-treated polyethylene indoor and outdoor banners. Excellent adhesion and superior flexibility even in cold climates. Block-resistant when properly cured. NVP and heavy-metal free.
Substrate: Surface treated polyethlen banner material.
Applications: Indoor and outdoor polyethylene banners.
Mesh: 355-390 monofilament polyester mesh is recommended for most applications.

9800 Series Poly Plus Screen Ink

Features: 9800 Series Poly Plus Screen Ink is specifically formulated to produce a high-gloss finish with a stretchable bond on treated polyethylene banner material.
Substrates: Treated polyethylene banner material.
Applications: Interior and exterior banners.
Mesh: 230-260 monofilament polyester.

Don't forget to check out our complete line of substrates, starting on page 94.

Nameplate Inks

3400 Series UV Nameplate Screen Ink

Features: A UV-curable ink that offers exceptional flexibility and opacity for a variety of nameplate applications. Superior ink-to-ink adhesion and speed of cure. Compatible with most laminating adhesives and has the flexibility for embossing and die-cutting.
Substrates: Polycarbonate, some top-coated polyester (UV ink receptive primer).
Applications: For second surface printing on polycarbonate and polyester used as membrane overlays where the application of pressure-sensitive adhesive directly to the ink film may be necessary. The 3400 Series may also be used for first-surface printing on a variety of substrates, and for in-mold decorating applications where a deep draw is not required.
Mesh: 355-390 (140-150 cm) monofilament polyester mesh is recommended for most applications. 305-420 (120-165 cm) monofilament polyester can be used for specialty applications.

NSC UV Crystal Clear Transparent Ink

Features: These inks exhibit excellent clarity and leveling with very little haze, ideal for use as transparent window colors.
Substrates: Polycarbonate and some pre-treated polyester.
Applications: For first- or second- surface transparent windows on polycarbonate and some pretreated polyesters used as a membrane overlay.
Mesh: 255 threads per inch or higher monofilament polyester mesh are recommended.

8800 Series Color-Vue Membrane Screen Ink

Features: A solvent-based screen ink formulated for automotive, membrane switch and appliance decorating applications. Strong transparent colors with lens-like clarity and high opacity.
Substrates: Polycarbonate and print-treated polyester.
Applications: Backlit panels, nomenclature and instruction panels, membrane switches; 8800 Series offers a totally compatible system for this complex, multi-colored, demanding color performance market.
Mesh: 200-330 monofilament polyester.

8400 Series Insert Mold Decorating Screen Ink

Features: Formulated to meet processing requirements of the insert mold decorating market. Offers flexibility for forming and trimming, resistance to washout during the molding process and adhesion to the plasticized injection mold resin.
Substrates: Polycarbonate and polycarbonate blends.
Applications: Second surface printing on films that will be formed then molded.
Mesh: 200-305 monofilament polyester.

Contact Midwest for MSDS and technical data sheets

NAZDAR

Container Inks

VersaCon™ 4100 Series Container UV Screen Ink

Features: This 100% solids UV-curable screen ink is designed for high-speed printing of a variety of plastic containers. Exhibits a high-gloss finish, excellent adhesion and scuff resistance as well as superior resistance to solvents, chemicals and other products typically packaged in plastic containers.
Substrates: Treated polyethylene (HDPE, LDPE), polyethylene terephthalate (PET), polycarbonate (PC), polypropylene (PP).
Applications: Containers for cosmetics, hair products, chemicals and specialty products.
Mesh: 305-390 monofilament polyester mesh.

N3100 Series UV Poly Screen Ink

Features: The N3100 Series is a single-packaged 100% solids UV-curable screen ink designed for high-speed printing of treated polyethylene bottles. Exhibits a high-gloss finish, excellent adhesion, as well as superior resistance to solvents, chemicals, and other products typically packaged in polyethylene containers.
Substrates: Properly treated polyethylene containers.
Applications: Cosmetic, hair products, chemical, and specialty product container packaging.
Mesh: 355-390 monofilament polyester mesh.

ADE Series Epoxy Screen Ink

Features: A solvent-based ink formulated with high-quality epoxy resins for excellent adhesion to a wide range of hard-to-print substrates. Outstanding solvent, chemical and abrasion resistance.
Substrates: Epoxy, melamine, treated polyethylene, treated polypropylene, metals, glass, PC boards.
Applications: Ideal for electronic and industrial applications.
Mesh: 200-305 monofilament polyester or stainless steel mesh.

6100 Series Fast-Dry Enamel Ink

Features: A solvent-based ink developed for use on flame-treated polyethylene containers, fiber drums and other hard-to-adhere-to surfaces. Features a built-in catalyst that accelerates curing and offers excellent resistance to soaps and detergents.
Substrates: Fiber drums and treated polyethylene containers.
Applications: Containers and packaging materials.
Mesh: 200-305 monofilament polyester.

8100 Series Unipol Single-Pak Screen Ink

Features: A solvent-based ink formulated for the decoration of treated polyethylene and polypropylene containers (bottles). Excellent resistance to a wide range of solvents, chemicals and products normally packaged in "poly" containers.
Substrates: Treated polyethylene and polypropylene containers.
Applications: Container (bottle) decorating. Not recommended for exterior durability.
Mesh: 280-305 monofilament polyester.

PA Series Poly-All Screen Ink

Features: Designed specifically for screen printing on untreated polypropylene. Its unique formulation makes pretreatment unnecessary. Poly-All will perform satisfactorily on most polypropylene surfaces. However, since there is often variation in the formulation of substrate materials, always pretest the specific substrate for adhesion and product resistance. PA Series inks exhibit a semi-gloss finish and have very good flexibility and durability.
Substrates: Untreated polypropylene.
Applications: Containers, mugs, cups, specialty ad products.
Mesh: 230-305 threads per inch monofilament polyesters.

ENTHONE® 50-Series Cat-L-Inks

Features: These permanent, two-component, epoxy-based inks may be used with a selection of catalysts that cure at elevated and/or room temperatures. With excellent chemical and thermal resistance properties, they are ideal for the electronic, aerospace, automotive, appliance and decorative container industries.
Substrates: When properly applied and cured , Cat-L-Ink has excellent adhesion to photoimageable, thermal and UV solder masks, glass, metal, circuit boards, nameplates and plastic.
Mesh: Monofilament polyester or metallized polyester fabrics with a mesh count from 180-350.

White	Deep Red
Primrose Yellow	Emerald Green
Lemon Yellow	Deep Green
Medium Yellow	Ultramarine Blue
Bright Orange	Light Blue
Cadmium Med. Red	Medium Blue
Medium Red	Chocolate Brown

Colors are printed representations and may not match the actual product colors.

Contact Midwest for MSDS and technical data sheets