

NAZDAR[®]
Ink Technologies

Digital Printing Inks

An Ink That's Right For Every Job.



Nazdar.com



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Printer Compatibility Chart

Solvent Ink

Printer	Nazdar® Ink	Page
Epson DX4, DX5 & DX6 print heads	Series 1300	2:6
Seiko 510, Konica 42pl Xaar Proton 35pl Xaar 128/126, Spectra Nova/Galaxy Universal Ink	Series 517	2:14
Spectra Skywalker & Polaris, Konica 14pl Universal ink	Series 518	2:15
Double Sided Printing Universal Ink for Xaar 128 & Spectra Nova/Galaxy	Series 510	2:13
DGI™: VT II 62 and 98	Series 517	2:14
Gandinovations™: Jeti 3312, 3324, 5024, 3300, 5000	Series 460	2:12
HP™: HP9000 & HP10000	Series 910	2:5
HP NUR™: Salsa, Salsa Ultima, Fresco HQ+	Series 517	2:14
HP Scitex™: Grandjet, XL Jet & LX1500	Series 517	2:14
Mimaki™:	CJV, JV33	Series 133 2:2
	JV5	Series 155 2:3
	JV3	Series 1302 2:7
Mutoh™:	Toucan	Series 517 2:14
	ValueJet	Series 2100 2:9
Oce™: Arizona 90, 180, T-220	Series 517	2:14
Roland™:	AJ1000, 740	Series 740 2:11
	AJ1000i, 740i	Series 213 2:10
RS/SJ/VP/EX/XC/VS/XE/Pro II, Pro III & VersaCAMM	Series 2000	2:8
Seiko™: ColorPainter	Series 564	2:4

Sublimation Ink

Printer	Nazdar® Ink	Page
Mimaki™:	JV22-130, 160	4:2
	JV3	
	JV33	
	JV4	
	JV5-160	
Mutoh™:	TS-34	
	RJ6100/8000	
	RS900	
	Viper 65, 90, 100	
	Valuejet 1204, 1304	
Roland™:	Valuejet 1604, 1614	
	Valuejet 1628TD, 2628TD	
	Valuejet 1638W	
Roland™:	FP640/740	5:6
	XC/XJ-640/740-Pro III	
	Pro II -SJ, FI, SC	
	RS Series RE-640	

UV Ink

Printer	Nazdar®	Primary Ink	Page	Secondary Ink	Page	Industrial Ink	Page		
Agfa™	Annapura L ₂ XL	Series 7300	3:5	Series 7470	3:8	Series 760	3:4		
	Annapura M, M2	Series 7300	3:5	Series 7470	3:8				
Dillji™	Neo Titan 1606	Series 7300	3:5	Series 7470	3:8				
	Neo Plus 2506	Series 7300	3:5	Series 7470	3:8				
DuPont™	ChromaPrint 22UV	Series 7470	3:8	Series 7300	3:5				
Durst™	Rho 160, 205	Series 7450	3:7						
Flora™	3204	Series 7300	3:5						
Gandi™	Jeti 1224, 3150	Series 7400	3:6	Series 7470	3:8	Series 760	3:4		
	Jeti 3150 x2	Series 7400	3:6	Series 7470	3:8				
	Jeti 3348 (UV)	Series 7400	3:6						
	Jeti 5024/48 RTR (UV)	Series 7400	3:6	Series 7470	3:8				
GCC™	StellarJet	Series 7300	3:5	Series 7470	3:8				
Graftyp™	Cube 260	Series 7300	3:5						
HP™	Expedio 5000 Revolution	Series 7400	3:6						
	Scitex XP5300	Series 7400	3:6	Series 7470	3:8				
	Tempo I, Tempo II	Series 7400	3:6	Series 7470	3:8				
	Tempo Q/HP 6100	Series 7400	3:6	Series 7470	3:8				
	Scitex Turbo Jet (UV)	Series 7400	3:6						
	Scitex FB-7500	Series 7400	3:6						
	Scitex XP2700 (Expedio)	Series 7400	3:6						
	Scitex XP2750 (Expedio 3200)	Series 7400	3:6	Series 7470	3:8				
	Columbia	Series 7450	3:7	Series 7470	3:8	Series 760	3:4		
	Columbia Turbo	Series 7450	3:7						
Inca™	Eagle 44, H	Series 7450	3:7			Series 760	3:4		
	Spyder 320	Series 7450	3:7	Series 7470	3:8			Series 760	3:4
		Series 7450	3:7						
Raster Printers™	RP720 UV	Series 7300	3:5	Series 7470	3:8				
	Daytona	Series 7300	3:5						
Roland™	LEC300	Series 260	3:2			Series 265	3:3		
	LEC330	Series 260	3:2						
Zund™	215C/Plus	Series 7300	3:5	Series 7470	3:8				
	250	Series 7300	3:5	Series 7470	3:8				

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Aqueous Ink

Printer	Nazdar® Ink	Page
Epson™:	4000, 7600, 9600	AQ600 5:3
	4800, 7800, 9800	AQ800 5:4
	4880, 7880, 9880	AQ880 5:5
	7890, 9890	
	4900, 7900, 9900	AQ900 5:5
	4000, 7600, 9600	Color Separation Black 5:6
	4800, 7800, 9800	
	4880, 7880, 9880	
	7890, 9890	

Don't see your printer?
Visit www.Nazdar.com
for an updated list.

We have inks for many printers not listed. If you don't see your printer on these charts contact us at:
 U.S. Phone: 913.422.1888
 U.K. Phone: +44 161 442 2111
 email: inkanswers@nazdar.com

Why Nazdar Inkjet Inks?

Nazdar inks are often 30% less expensive than the original equipment manufacturers' (OEM) ink, while providing the exact same color and print performance. Although there are many 3rd party ink manufacturers supplying products to the market, very few have the credentials that Nazdar brings to the table.

Annually, Nazdar manufactures and sells hundreds of thousands of cartridges and liters of inkjet inks around the world. Hundreds of printers convert their OEM inks to Nazdar inks annually for the cost savings and support. Nazdar has been a respected specialty graphic printing ink manufacturer for nearly 100 years. Nazdar has produced solvent inks for nearly 100 years, Ultra-Violet curing inks for 40 years, and inkjet inks (Lyson) for 30 years. Because of these facts, Nazdar is trusted by several OEM and distributor companies to manufacture their inks.

All Nazdar products are stringently tested internally and via beta sites, prior to release. These products have the best warranty in the business, covering the entire ink train should their inks be proven to have damaged an approved/compatible printer. Nazdar manufacturing's Quality Assurance program is ISO approved.

While Nazdar UV and Grand Format Solvent inks require an ink conversion technician, their wide format solvent inks are plug and play when converting from the OEM inks. It's as simple as swapping out the OEM cartridges with Nazdar ink as they run out. No profile changes are required, as Nazdar Wide Format inks are an exact color and performance match to the OEM inks. Should any questions arise during the ink change-over, Nazdar has highly trained technicians to provide answers via phone or online.

Solvent based inks for Grand Format printers

Each Nazdar® Series ink has been formulated to meet the exacting specifications of the most popular digital Grand Format printers. These vibrant, durable inks are warranted to last a minimum of two years on qualified media with no coating or lamination required. All Nazdar Digital inks are fast drying and offer clean, high intensity colors that are ideal for backlit applications. Formulations are available for virtually every make of Grand Format printer including:

- HP Scitex™
 - HP Nur™
 - Mutoh™
 - Gandinnovations™
 - DGI™
 - OCE™
 - Agfa™
- And many more...



Solvent based inks for Wide Format printers

Available in both solvent and eco-solvent formulations, the Nazdar range of solvent inks for wide format printers offers OEM-equivalent color gamuts and no-mess conversions. The Nazdar Wide Format solvent product range is available in fully compatible chipped cartridges or in liter bottles for bulk ink delivery systems. Compatible printer models include:

- HP Designjet™ 9000s & 10000s
- Mimaki™ JV3, JV33 & JV5
- Mutoh™ ValueJet
- Roland™ Sol Jet Pro II/III, VersaCAMM
- Seiko™ ColorPainter 64s & 100s

And many more...



UV-Curable inks for Digital Printers

The Nazdar range digital UV-curable inks offers the user unrivalled quality and cost efficiency. State of the art production and development techniques have created products with a wide range of features and benefits; these include OEM color match and enhanced gamut options, increased printing and drying performance and convenient packaging sizes. Nazdar manufactures various formulation options for your specific purposes and can recommend the right inks for your application needs. Nazdar UV-curable inks are available for the most popular digital printer brands, including:

- Agfa™
- Dilli™
- DuPont™
- Durst™
- Flora™
- Gandinnovations™
- GCC™
- HP Scitex™ (NUR™)
- Inca™
- EFI Rastek™
- Zund™

And many more...



Warranty

With the Industry's strongest third-party warranty, you'll take comfort knowing that Nazdar stands behind every drop of ink it supplies. To learn more about the performance specifications of a particular ink, call your local Nazdar sales representative or visit www.Nazdar.com.



Over 90 Years of Inks & Coatings Innovation **Focused on Your Digital Inkjet and Screen Printing Ink Needs**



From its humble 1922 beginnings in the back of a small store in Chicago, Nazdar has grown into one of the major international manufacturers and distributors of screen, wide-format inkjet, and narrow-web printing inks. Through commitment to product innovation and company acquisitions, Nazdar's ink manufacturing division, Nazdar Ink Technologies, has remained in the forefront of the Specialty Graphic Inks & Coatings industry, and now supplies ink worldwide through its extensive international distribution and licensed manufacturing partners.

Nazdar is also a leader in equipment, ink and supply distribution and operates 14 Nazdar SourceOne locations in North and Central America. We partner with the printing industries top manufacturers to keep Graphic and Textile printers running with a selection of products and technical service that keeps traditional and digital presses operational. Our friendly customer service staff and digital technical support team mean you will find all the services to maintain your printing business at one place.

Nazdar's commitment to understanding ink technologies, color control, and optimization of the print processes has resulted in the development of its Nazdar Consulting Services (NCS) division. NCS helps print providers worldwide maximize their print quality and profits, through training and first-hand process analysis.

Nazdar's mission is superior service for our customers. Our objective is to go beyond just filling an order — we're here to provide solutions that help our customers improve their products and processes. Fulfilling that mission requires a commitment to innovation that involves every area of our operations and our

corporate behavior. It means we continue to invest in our strengths; our employees, quality, distribution, R&D, and our business partnerships. We believe that these strengths, together with the consistent practice of our Five Operating Principles, ensure our success in serving our customers.



Nazdar® manufactures the most comprehensive selection of UV, water-base, and solvent-based wide-format digital, screen printing, and flexographic inks obtainable from a single source. Nazdar® inks are primarily used by printers in the Point of Purchase (POP), Banner, Container, Industrial, Metal, Nameplate - Membrane Switch, Roll Label, Sign, and Textile decorating markets.

Nazdar® digital printing inks can be used in a wide selection of digital inkjet printing presses like Roland™, NUR™, Scitex™, Mutoh™, Océ™, Mimaki™ and Gandi™, Hewlett-Packard, Epson®, Agfa™, Teckwin™ and other notable wide-format digital printers. Whether printing indoor or outdoor applications on paper, plastics, textiles, metal, glass, or containers and packaging, there's a Nazdar ink that's right for every job.

Nazdar accepts responsibility as a corporate citizen and acknowledges our obligation to help improve the quality of the environment, society, and community of which we are a part. We are committed to formulate all our products with environmental advantages in mind, including more energy efficient UV curing inks that are V-Pyrol® free and heavy metal free solvent based inks designed to have lower VOCs and easy reclamation. Nazdar also provides extensive regulatory compliance training to industry associations and printers. Nazdar's Shawnee facility QMS has received ISO 9001:2000 certification.

Nazdar Inks outdoor durability statement:

Nazdar warrants their Ink to withstand exterior exposure without material deterioration when viewed under normal conditions for a period of up to two years (as follows) when applied on qualified media following the application guidelines in the Nazdar Technical Data Sheet. No clear coating or over-lamination is required.



Solvent Inks



133 Series Wide Format Solvent Inks



Mimaki™ JV33 and CJV30

Nazdar® 133 Series digital imaging inks are designed for use in Mimaki™ JV-33 and CJV30 digital printers.

Primary features are as follows:

- OEM color comparable, avoiding the need to profile in most situations
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading
- High impact, high intensity colors equivalent to the original OEM ink set
- Consistent color density values
- Enhanced drying characteristics minimize the risk of blocking

Substrates

Compatible with a wide range of flexible and pressure sensitive vinyl, banner, blue -back paper and backed mesh.

Packaging

Colors available in 440ml liter cartridges and 1 liter bottles. Flush solution in 220ml cartridges.

440ml Cartridges

Item No.	Colors
LWS133CLC4	Light Cyan
LWS133CYC4	Cyan
LWS133MLC4	Light Magenta
LWS133MAC4	Magenta
LWS133YEC4	Yellow
LWS133KKC4	Black

1 Liter Bottles

Item No.	Colors
LWS133CL1L	Light Cyan
LWS133CY1L	Cyan
LWS133ML1L	Light Magenta
LWS133MA1L	Magenta
LWS133YE1L	Yellow
LWS133KK1L	Black

Item No.	220ml Cartridge
LWS133FFC2	Flushing Solution

Item No.	1 Liter Bottle
LWS133FF1L	Flushing Solution



Solvent

155 Series Wide Format Solvent Inks



Mimaki™ JV5

Nazdar® 155 Series digital imaging ink is designed specifically for use in Mimaki™ JV5 digital printers.

The primary features of these inks are as follows:

- OEM color comparable, avoiding the need to profile in most situations
- Excellent print head and nozzle performance
- Enhanced odor
- Long term exterior performance and resistance to the effects of UV degradation
- High intensity, high gloss colors
- Consistent color density values
- Excellent adhesion and flexibility on most digital inkjet media

Packaging

All colors listed below are available in 440ml cartridges and 1 liter bottles.

440ml Cartridges

Item No.	Colors
LWS155CLC4	Light Cyan
LWS155CYC4	Cyan
LWS155MLC4	Light Magenta
LWS155MAC4	Magenta
LWS155YEC4	Yellow
LWS155KKC4	Black

1 Liter Bottles

Item No.	Colors
LWS155CL1L	Light Cyan
LWS155CY1L	Cyan
LWS155ML1L	Light Magenta
LWS155MA1L	Magenta
LWS155KK1L	Black
LWS155YE1L	Yellow

Item No.	220ml Cartridge
LWS155WLC2	Washing Liquid

Item No.	1 Liter Bottle
LWS155FF1L	Flushing Solution



Solvent

564 Series Wide Format Solvent Inks



Seiko™ Colorpainter 64 and 100

Nazdar® 564 Series Digital Imaging Inks are designed for use in Seiko Colorpainter 64 and 100 Printers.

Conveniently packaged in 1 liter fully compatible cartridges along with 1 and 5 liter bottles they provide a great value, high performance alternative to the OEM.

The primary features of these inks are as follows:

- OEM color match avoids the need to profile in most situations.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM ink set.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Fully compatible, no-flush formulation.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

1 liter fully compatible cartridges along with 1 and 5 liter bottles.

1 Liter Cartridges

Item No.	Colors
LWS564USCL1C	Light Cyan
LWS564USCY1C	Cyan
LWS564USML1C	Light Magenta
LWS564USMA1C	Magenta
LWS564USYE1C	Yellow
LWS564USKK1C	Black

1 Liter Bottle

Item No.	Colors
LWS564CL1L	Light Cyan
LWS564CY1L	Cyan
LWS564ML1L	Light Magenta
LWS564MA1L	Magenta
LWS564YE1L	Yellow
LWS564KK1L	Black

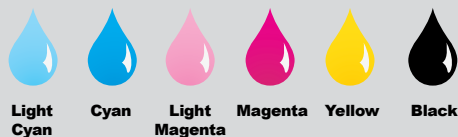
5 Liter Bottles

Item No.	Colors
LWS564CL5L	Light Cyan
LWS564CY5L	Cyan
LWS564ML5L	Light Magenta
LWS564MA5L	Magenta
LWS564YE5L	Yellow
LWS564KK5L	Black

Item No.	1 Liter Cartridge
LWS564USCF1C	Cleaning Fluid
LWS564USMF1C	Maintenance Fluid

Item No.	1 Liter Bottle
LWS564CF1L	Cleaning Fluid

Item No.	5 Liter Bottles
LWS564CF5L	Cleaning Fluid



Solvent

910 Series Wide Format Solvent Inks



HP™ 9000 and HP™ 10000

Nazdar® 910 Series Digital Imaging Inks are designed for use in HP 9000 & HP 10000 Designjet Printers.

Conveniently packaged in 1 liter fully compatible cartridges along with 1 and 5 liter bottles, they provide a great value, high performance alternative to the OEM.

The primary features of these inks are as follows:

- OEM color match avoids the need to profile in most situation.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM ink set.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Fully compatible, no-flush formulation.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

Colors listed below are available in 1 Liter cartridges.

1 Liter Cartridges

Item No.	Colors
LWS910CL1C	Light Cyan
LWS910CY1C	Cyan
LWS910ML1C	Light Magenta
LWS910MA1C	Magenta
LWS910YE1C	Yellow
LWS910KK1C	Black

Item No.	1 Liter Cartridge
LWS910CF1C	Cleaning Fluid



1300 Series Wide Format Solvent Inks



Inks formulated to run on Epson™ DX4, DX5 and DX6 Piezo inkjet print heads.

Nazdar® 1300 series Digital Imaging Inks are formulated to run on Epson DX4, DX5 and DX6 Piezo inkjet print heads. Originally designed for the JV3, the 1300 Series ink set is now popular on a range of printers utilising these heads.

The primary features of these inks are as follows:

- High impact, high intensity color equivalent to Mimaki SS2 ink set.
- Excellent breadth of compatibility to a range of solvent compatible inkjet media.
- High resistance the physical abrasion such as scratching and scuffing.
- Long term exterior performance with proven resistance to the effects of UV degradation and fading
- Fast drying characteristics minimize the risk of blocking.

Substrates

Self supporting flexible and pressure sensitive vinyl.

Packaging

440ml fully compatible cartridges along with 1 liter bottles.

440ml Cartridges

Item No.	Colors
LWS1300CLC4	Light Cyan
LWS1300CYC4	Cyan
LWS1300MLC4	Light Magenta
LWS1300MAC4	Magenta
LWS1300YEC4	Yellow
LWS1300KKC4	Black

1 Liter Bottles

Item No.	Colors
LWS1300CL1L	Light Cyan
LWS1300CY1L	Cyan
LWS1300ML1L	Light Magenta
LWS1300MA1L	Magenta
LWS1300YE1L	Yellow
LWS1300KK1L	Black

Item No.	220ml Cartridge
LWS1300FFC2	Flush Fluid

Item No.	1 Liter Bottle
LWS1300FF1L	Flush Solution



Solvent

1302 Series Wide Format Solvent Inks



Mimaki™ JV-3

Nazdar® 1302 Series Digital Imaging Ink is designed specifically for use in the Mimaki™ JV3 Digital Printer.

The primary features of these inks are as follows:

- Low odor formulation
- Revised color match to latest Mimaki SS2 inks
- No profiling necessary in most situations
- Compatible with OEM ink (SS2)
- Simple no-mess change over*
- Reliable unattended printing
- Substantial savings over OEM ink

Substrates

Compatible with a wide range of pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

440ml fully compatible cartridges along with 1 liter bottles.

440ml Cartridges

Item No.	Colors
LWS1302CLC4	Light Cyan
LWS1302CYC4	Cyan
LWS1302MLC4	Light Magenta
LWS1302MAC4	Magenta
LWS1302YEC4	Yellow
LWS1302KKC4	Black

1 Liter Bottles

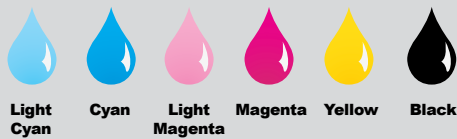
Item No.	Colors
LWS1302CL1L	Light Cyan
LWS1302CY1L	Cyan
LWS1302ML1L	Light Magenta
LWS1302MA1L	Magenta
LWS1302YE1L	Yellow
LWS1302KK1L	Black

Item No. | 220ml Cartridge

LWS1302FFC2	Flush Fluid
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Item No. | 1 Liter Bottle

LWS1302FF1L	Flush Soluton
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Solvent

2000 Series Wide Format Solvent Inks



Roland™ RS, SJ, SP, SC, SJ, VP, VS & EX Series, including Pro II & III using Roland Eco Max™ Inks.

Nazdar® 2000 Series Digital Imaging Inks are designed as a Low Odor alternative to eco type ink set.

The primary features of these inks are as follows:

- OEM color match to Roland Eco Max™ ink, avoiding the need to profile when replacing these inks in most situations.
- Cartridges compatible with Roland RS, SJ, SP, SC, SJ, VP, VS and EX series, including Pro II & III using Roland Eco Max™ inks.
- Excellent exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM (as above) ink set.
- Reduced odor and VOC content.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

All colors listed below are available in 220 ml, 440ml cartridges and 1 liter containers. Flushing solution is available in 220ml cartridges and 1 & 5 liter containers.

Solvent

220ml & 440ml Cartridges or 1 Liter Containers

Item No.	Colors
LWS2000CL	Light Cyan
LWS2000CY	Cyan
LWS2000ML	Lt Magenta
LWS2000MA	Magenta
LWS2000YE	Yellow
LWS2000KK	Black

Item No.	220ml Cartridge & 1 & 5 Liter Containers
LWS2000FF	Flush Solution



2100 Series Wide Format Solvent Inks



Mutoh™ ValueJet

Nazdar® 2100 Series Digital Imaging Inks are designed as a high quality alternative for OEM Mutoh ValueJet inks.

The primary features of these inks are as follows:

- OEM color match to Eco Ultra™, avoiding the need to profile when replacing these inks.
- Cartridges compatible with Mutoh ValueJet 1204, 1304, 1604, 1608, 1614 and 2606 when using Eco Ultra inks.
- Convenient packaging in 1 liter bottles.
- Excellent exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM (as above) ink set.
- Reduced odor and VOC content when compared to true solvent inks.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Enhanced drying characteristics minimize the risk of “blocking”.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

All colors listed below are available in 1 Liter bottles

1 liter bottles.

Item No.	Colors
LWS2100CL	Lt. Cyan
LWS2100CY	Cyan
LWS2100ML	Lt. Magenta
LWS2100MA	Magenta
LWS2100YE	Yellow
LWS2100KK	Black

Item No.	1 liter Container
LWS2100FF	Flush Solution



Solvent

213 Series Wide Format Solvent Inks



Chemically
Miscible



OEM Color
Compatible



Roland™ AJ-1000i™ & AJ-740i™

Nazdar® 213 Series Digital Imaging Inks are designed specifically for use in Roland™ AJ-1000i™ & AJ-740i™ printers. Conveniently package in 1 liter fully compatible cartridges, they provide a great value, high performance alternative to the OEM Ai3 ink set.

Primary features are as follows:

- OEM color match*, avoiding the need to profile in most situation.
- Low odor formulation
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM ink set.
- Excellent adhesion and flexibility on most digital inkjet media.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

All colors listed below are available in 1 liter cartridges with the exception of the Maintenance Fluid.

1 Liter Cartridges

Item No.	Colors
LWS213CL1C	Light Cyan
LWS213CY1C	Cyan
LWS213ML1C	Light Magenta
LWS213MA1C	Magenta
LWS213YE1C	Yellow
LWS213KK1C	Black
LWS213MF1C	Maintenance Fluid

Item No.	1 Liter Cartridges
LWS213CF1C	Nazdar® 213 Cleaning Fluid



Solvent

740 Series Wide Format Solvent Inks

Chemically
Miscible



OEM Color
Compatible



Roland™ AJ1000/740™ Printers.

Nazdar® 740 Series Digital Imaging Inks are designed for use in Roland™ AJ1000/740™ Printers. Conveniently package in 1 liter fully compatible cartridges, they provide a great value, high performance alternative to the OEM.

The primary features of these inks are as follows:

- OEM color match*, avoiding the need to profile in most situation.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM ink set.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Enhanced drying characteristics minimize the risk of “blocking”.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

All colors listed below are available in 1 liter cartridges with the exception of the Maintenance Fluid (500ml).

1 Liter Cartridge

Item No.	Colors
LWS740CL1C	Light Cyan
LWS740CY1C	Cyan
LWS740ML1C	Light Magenta
LWS740MA1C	Magenta
LWS740KK1C	Black
LWS740YE1C	Yellow

Item No.	Clean Up
LWS740CF	Cleaning Fluid
LWS740MF	Maintenance Solution



Solvent

460 Series Grand Format Solvent Inks



Gandi Innovations 3312, 3324 & 5024 RTR

Nazdar® 460 Series Digital Imaging Inks are designed for use on Gandi Innovations 3312, 3324 and 5024 RTR solvent digital inkjet printers.

Primary features are as follows:

- Wide gamut space allowing extensive color range.
- Highest quality pigments and resins give vibrancy and color intensity when printed.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- Excellent adhesion and flexibility on most digital inkjet media.
- Enhanced drying characteristics minimize the risk of “blocking” and starvation.
- Head warranty may be available for these platforms

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and PVC-coated mesh.

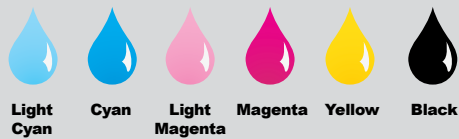
Packaging

Colors available in 5 liter bottles.

5 Liter Bottles

Item No.	Colors
LWS460CL5L	Light Cyan
LWS460CY5L	Cyan
LWS460ML5L	Light Magenta
LWS460MA5L	Magenta
LWS460YE5L	Yellow
LWS460KK5L	Black

Item No.	5 Liter Bottles
DCA045L	Cleaning Solution



Solvent

510 Series Grand Format Solvent Inks



HP/Scitex XLJet, Grandjet and Agfa/ Gandinnovations Jeti 3300 and 5000 Series roll-to-roll grand format printers

Nazdar® 510 Series Digital Inkjet Inks are designed for use with HP/Scitex XLJet, Grandjet and Agfa/Gandinnovations Jeti 3300 and 5000 series roll-to-roll grand format printers. The unique formulation facilitates excellent performance across a range of head technology due to the custom pigment milling process used by Nazdar.

The primary features of these inks are as follows:

- Specifically designed to enable double sided printing
- Wide gamut space allowing extensive color range.
- Highest quality pigments and resins give vibrancy and color intensity when printed.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- Excellent adhesion and flexibility on most digital inkjet media.
- Manufacturer's warranty available *Conditions apply, please see the Technical Data Sheet.

Packaging

All colors listed below are available in 5 liter bottles.

5 Liter Bottles

Item No.	Colors
LWS510CL5L	Light Cyan
LWS510CY5L	Cyan
LWS510ML5L	Light Magenta
LWS510MA5L	Magenta
LWS510KK5L	Black
LWS510YE5L	Yellow

Item No.	5 Liter Bottle
LWSPZS2SFF5L	Flushing Solution



517 Series Grand Format Solvent Inks



For Printers utilizing Xaar 128/126/Proton 35pl, Spectra Galaxy/ Nova 128, Seiko 510 35pl and Konica Minolta 42pl print heads amongst others.

Nazdar® 517 Series Digital Inkjet Inks are designed to facilitate excellent performance across a range of head technology due to the specialized development and production techniques used by Nazdar®. This promotes exceptional performance on Xaar 128/126/Proton 35pl, Spectra Galaxy/Nova 128, Seiko 510 35pl and Konica Minolta 42pl print heads amongst others.

The primary features of these inks are as follows:

- Breadth of compatible hardware
- Additional Magenta and Yellow options for alternative “red” gamut.
- Highest quality pigments and resins give vibrancy and color intensity when printed.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- Excellent adhesion and flexibility on most digital inkjet media.
- Manufacturer’s warranty available *Conditions apply, please see the Technical Data Sheet.

Packaging

All colors listed below are available in 1 and 5 liter bottles.

1 Liter Bottles

Item No.	Colors
LWS517CL1L	Light Cyan
LWS517CY1L	Cyan
LWS517ML1L	Light Magenta
LWS517MA1L	Magenta
LWS517MLR1L	Red Shade Light Magenta
LWS517MR1L	Red Shade Magenta
LWS517KL1L	Light Black
LWS517KK1L	Black
LWS517YL1L	Light Yellow
LWS517YV1L	Vivid Yellow
LWS517YE1L	Yellow

5 Liter Bottles

Item No.	Colors
LWS517CL5L	Light Cyan
LWS517CY5L	Cyan
LWS517ML5L	Light Magenta
LWS517MA5L	Magenta
LWS517MLR5L	Red Shade Light Magenta
LWS517MR5L	Red Shade Magenta
LWS517KL5L	Light Black
LWS517KK5L	Black
LWS517YL5L	Light Yellow
LWS517YV5L	Vivid Yellow
LWS517YE5L	Yellow

Item No.	1 Liter Bottle
LWSPZS2SFF1L	Flushing Solution

Item No.	5 Liter Bottle
LWSPZS2SFF5L	Flushing Solution



Solvent

518 Series Grand Format Solvent Inks



For Printers utilizing Spectra Skywalker, Spectra Polaris (solvent compatible) and Konica Minolta 14pl print heads.

Nazdar® 518 Series Digital Inkjet Inks are designed to facilitate excellent performance across a range of high resolution print head technology in the Wide and Super Wide Format solvent market sector. This promotes exceptional performance on Spectra Skywalker, Spectra Polaris (solvent compatible) and Konica Minolta 14pl print heads amongst others.

The primary features of these inks are as follows:

- Wide gamut space allowing extensive color range.
- Highest quality pigments and resins give vibrancy and color intensity when printed.
- Breadth of compatible hardware.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- Manufacturer's warranty available *Conditions apply, please see the Technical Data Sheet.

Substrates

- Self-Supporting flexible and pressure sensitive vinyl.
- Banner Material
- Blue back paper
- Backed mesh

Packaging

All colors listed below are available in 1 and 5 liter bottles.

1 Liter Bottles

Item No.	Colors
LWS518CL1L	Light Cyan
LWS518CY1L	Cyan
LWS518ML1L	Light Magenta
LWS518MA1L	Magenta
LWS518KK1L	Black
LWS518YE1L	Yellow

5 Liter Bottles

Item No.	Colors
LWS518CL1L	Light Cyan
LWS518CY1L	Cyan
LWS518ML1L	Light Magenta
LWS518MA1L	Magenta
LWS518KK1L	Black
LWS518YE1L	Yellow

Item No.	1 Liter Bottle
LWSPZS2SFF1L	Flushing Solution
Item No.	5 Liter Bottle
LWSPZS2SFF5L	Flushing Solution



560 Series Grand Format Solvent Inks



Printers with Seiko™ & Konica print heads

Nazdar® 560 Series Digital Imaging Inks are designed for use in a number of Asian Printers with Seiko™ and Konica print heads, such as SID printers, Challenger and others. Conveniently packaged in 1 and 5 liter bottles they provide a great value, high performance alternative to the OEM.

The primary features of these inks are as follows:

- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM ink set.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Fully compatible, no-flush formulation.

Substrates

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

Packaging

All items listed below are available in 1 liter and 5 Liter bottles and are NOT regional specific.

1 Liter Bottles

Item No.	Colors
LWS560CL1L	Lt Cyan
LWS560CY1L	Cyan
LWS560ML1L	Lt Magenta
LWS560MA1L	Magenta
LWS560KK1L	Black
LWS560YE1L	Yellow

5 Liter Bottles

Item No.	Colors
LWS560CL5L	Lt Cyan
LWS560CY5L	Cyan
LWS560ML5L	Lt Magenta
LWS560MA5L	Magenta
LWS560KK5L	Black
LWS560YE5L	Yellow

Item No.	1 Liter Bottles
LWS560CF1L	Cleaning Fluid

Item No.	5 Liter Bottles
LWS560CF5L	Cleaning Fluid



Solvent



NAZDAR[®]
Ink Technologies

UV Inks



260 Series UV Inks

UV

Nazdar® 260 Series Inks are designed for use in Roland® LEC 300/330 printers

Nazdar 260 Series Inks are general graphic inks designed to be run in DX-4 and DX-5 printhead, LED curing printers. The inks exhibit excellent adhesion and flexibility on a variety of typical Point of Purchase (POP) substrates.

The primary features of these inks are as follows:

- Formulated for use in flexible applications
- Excellent resistance to edge chipping on styrene, foamboard and fluted polypropylene materials when used with a knife or router cutter.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Adhesion on a variety of flexible and rigid substrates

Substrates

- Reinforced vinyl banner and pressure sensitive vinyl.
- Styrene
- Coated Paper
- Fluted polypropylene
- Foamboard
- Digital Grade Polycarbonate

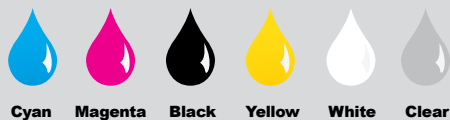
Packaging

Flush Solutions are available in 1 and 5 liter containers and Cleaning Solutions in 5 liter containers.

1 Liter and 440 ml Cartridges

Item No.	Colors
60032514D7	Cyan
60032515D7	Magenta
60032517D7	Black
60032516D7	Yellow
60033130D7	White
60034915D7	Clear

Item No.	220 ml and 440 ml Cartridges
LWU7001FF	UV Maintenance Solution



265 Series UV Inks

UV

Designed for use in grand format piezo digital printers equipped with LED curing units capable of emitting wavelengths in the 395 nanometer range.

Nazdar® 265 Series Digital LED graphic imaging inks are designed for use in grand format piezo digital printers equipped with LED curing units capable of emitting wavelengths in the 395 nanometer range. Primary uses of these inks are for POP displays, durable graphics and billboard banners. Typical substrates are vinyl banner, pressure sensitive vinyl, styrene, polycarbonate, fluted polypropylene and foamboard. The primary features of these inks are as follows:

The primary features of these inks are as follows:

- Formulated for use in both flexible and rigid applications
- Excellent resistance to edge chipping on styrene, foamboard and fluted polypropylene materials when used with a knife or router cutter and when fully cured.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Adhesion on a variety of flexible and rigid substrates

Substrates

Reinforced vinyl banner, pressure sensitive vinyl, styrene, fluted polypropylene, foamboard and, polycarbonate. Adhesion should always be tested as adhesion does depend upon curing conditions, age and manufacturer of substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.

Packaging

All colors listed below are available in 1 and 5 liter containers.

Item No.	Colors	Item No.	Clean Up
LED265CL	Lt Cyan	LWU7001FF	UV Maintenance Solution
LED265CY	Cyan		
LED265ML	Lt Magenta		
LEd265MA	Magenta		
LED265KK	Black		
LED265YE	Yellow		
LEd265WH	White		



760 Series UV Inks



Vacuum formable ink for industrial UV flatbed printers

Nazdar® 760 Multiflex Series Digital Imaging Inks are designed for use in industrial grade flatbed digital printers including Inca Eagle, Inca Columbia & Spyder, Teckwin Flatbeds, Gandinnovations 3150 & 1224, HP Tempo I, II & Q models, plus many others. Primary uses of this product are durable industrial graphics where adhesion, bending, elongation, flexibility and chemical resistance are of primary importance. Typical substrates are styrene, PETG, acrylic, ABS, coated polyesters, PVC and polycarbonate.

The primary features of these inks are as follows:

- Formulated for vacuum and bend forming on suitable substrates up to 350%
- Formulated for superior adhesion, die and routing chip resistance
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade
- High impact, high intensity colors with expanded color gamut
- Consistent color density values
- Adhesion and chemical resistance on a variety of substrates

Substrates

PVC, polycarbonate, styrene, acrylic, coated polyesters, PETG and ABS

Adhesion should always be tested as adhesion depends upon curing conditions, age and manufacturer of the substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.

Packaging

All colors listed below are available 1 and 5 liter containers.

Item No.	Colors
LWU760CL	Lt Cyan
LWU760CY	Cyan
LWU760ML	Lt Magenta
LWU760MA	Magenta
LWU760KK	Black
LWU760YE	Yellow

Item No.	Clean Up
LWU7001FF	UV Maintenance Solution



7300 Series UV Inks



General purpose graphic ink for UV printers with low to medium power UV curing systems

Nazdar® 7300 Series Digital Imaging Inks are designed for use in digital printers that have low to medium power UV curing units. The models include, but are not limited to: Zund 215C and 250, Agfa Annapurna, Rasterprint® RP720UV, DuPont Cromaprint 22UV, Dilli Neo Titan 1606 and Neo Plus 2506 digital printers. Primary uses of this product are for POP displays, durable graphics and billboard banners where flexibility is of primary importance. Typical substrates are vinyl banner, styrene, PVC and fluted polypropylene.

The primary features of these inks are as follows:

- Formulated for use in rigid and flexible applications
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with expanded color gamut
- Consistent color density values
- Adhesion and die cutting on a variety of substrates

Substrates

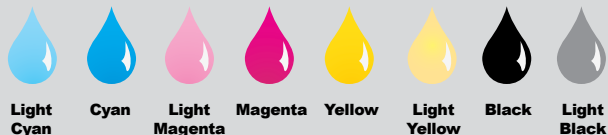
Reinforced vinyl banner, styrene, pressure sensitive vinyl, PVC, polycarbonate, foam board, fluted polypropylene
Adhesion should always be tested as adhesion does depend upon curing conditions, age and manufacturer of substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.

Packaging

All colors listed below are available in 1 and 5 liter containers.

Item No.	Colors
LWU7300CL	Lt Cyan
LWU7300CY	Cyan
LWU7300ML	Lt Magenta
LWU7300MA	Magenta
LWU7300KL	Lt Black
LWU7300KK	Black
LWU7300YL	Lt Yellow
LWU7300YE	Yellow

Item No.	Clean Up
LWU7001FF	UV Maintenance Solution



7400 Series UV Inks



UV

General purpose graphic ink for UV printers with medium to high power UV curing systems

Nazdar® 7400 Series Digital Imaging Inks are designed for use in the most common UV digital printers. Lyson® 7400 inks require the higher power UV curing units that are typically found on platforms like: HP® Nur Tempo I, II & Q Agfa/Gandinnovations 1224 & 3150, HP® Nur Expedio 3200 & 5000 Durst Rho 160, 205, 600 & 800, and HP® XP2100, XP5100, FB6100, and UV TurboJet.

Primary uses of this product are for POP displays, durable graphics and billboard banners where flexibility is of primary importance. Typical substrates are vinyl banner, pressure sensitive vinyl, styrene, polycarbonate, fluted polypropylene, and foamboard.

The primary features of these inks are as follows:

- Formulated for use in rigid and flexible applications
- Excellent resistance to edge chipping on styrene, foamboard and fluted polypropylene materials when used with a knife or router cutter.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Adhesion on a variety of flexible and rigid substrates

Substrates

Reinforced vinyl banner and pressure sensitive vinyl. Styrene, fluted polypropylene, Foamboard and Polycarbonate. *Adhesion should always be tested as adhesion does depend upon curing conditions, age and manufacturer of substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.*

Packaging

Flush Solutions are available in 1 and 5 liter containers and Cleaning Solutions in 5 liter containers.

Item No.	Colors	Item No.	Colors	Item No.	Clean Up
LWU7400CL	Lt Cyan	LWU7400WH	White	LWU7001FF	UV Maintenance Solution
LWU7400CY	Cyan				
LWU7400ML	Lt Magenta				
LWU7400MA	Magenta				
LWU7400KL	Lt Black				
LWU7400KK	Black				
LWU7400YL	Lt Yellow				
LWU7400YE	Yellow				



7450 Series UV Inks



General purpose graphic ink for UV printers with medium to high power UV curing systems and that require a slightly higher viscosity ink

Nazdar® 7450 Series Digital Imaging Inks are designed for use in UV digital printers that are equipped with higher power UV curing units and require a higher viscosity ink. These features are typically found on platforms like the Inca Eagle, Columbia Turbo & Spyder. Primary uses of this product are for POP displays, durable graphics and billboard banners where flexibility is of primary importance. Typical substrates are vinyl banner, pressure sensitive vinyl, styrene, polycarbonate, fluted polypropylene, and foamboard.

The primary features of these inks are as follows:

- Formulated for use in rigid and flexible applications
- Excellent resistance to edge chipping on styrene, foamboard and fluted polypropylene materials when used with a knife or router cutter.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Adhesion on a variety of flexible and rigid substrates

Substrates

Reinforced vinyl banner and pressure sensitive vinyl. Styrene, fluted polypropylene, Foamboard and Polycarbonate. *Adhesion should always be tested as adhesion does depend upon curing conditions, age and manufacturer of substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.*

Packaging

Flush Solutions are available in 1 and 5 liter containers and Cleaning Solutions in 5 liter containers.

Item No.	Colors
LWU7450CL	Lt Cyan
LWU7450CY	Cyan
LWU7450ML	Lt Magenta
LWU7450MA	Magenta
LWU7450KK	Black
LWU7450YE	Yellow
LWU7450WH	White

Item No.	Clean Up
LWU7001FF	UV Maintenance Solution



7470 Series UV Inks



Rigid POP substrate ink designed specifically for hard to adhere to substrates.

Nazdar® 7470 Series Digital Imaging Inks are designed to have superior adhesion to all grades of fluted polypropylene (commonly known as Coroplast) and are built for superior performance on standard POP materials. Primary uses of this product are for POP displays, durable graphics and billboard banners where adhesion is of primary importance. Typical substrates are fluted polypropylene, styrene, Sintra, Dibond and foamboard.

The primary features of these inks are as follows:

- Superior adhesion performance on a variety of fluted polypropylene substrate materials.
- Formulated for use in rigid and flexible applications
- Excellent resistance to edge chipping on styrene, foamboard and fluted polypropylene materials when used with a knife or router cutter.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Adhesion on a variety of flexible and rigid substrates

Substrates

Fluted polypropylene, reinforced vinyl banner and pressure sensitive vinyl. Styrene, Foamboard, Sintra and Dibond. *Adhesion should always be tested as adhesion does depend upon curing conditions, age and manufacturer of substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.*

Packaging

Flush Solutions are available in 1 and 5 liter containers and Cleaning Solutions in 5 liter containers.

Item No.	Colors
LWU7470CL	Lt Cyan
LWU7470CY	Cyan
LWU7470ML	Lt Magenta
LWU7470MA	Magenta
LWU7470KL	Lt Black

Item No.	Colors
LWU7470KK	Black
LWU7470YL	Lt Yellow
LWU7470YE	Yellow
LWU7470WH	White

Item No.	Clean Up
LWU7001FF	UV Maintenance Solution



NAZDAR[®]
Ink Technologies

Sublimation Inks



TX650 Series Sublimation Inks

Roland, Mutoh, and Mimaki Wide Format Printers

Nazdar® TX650 inks are water-based dye sublimation transfer inks for use in a range of wide-format digital printers 42” wide or wider, incorporating Epson DX4 and DX5 printhead technologies.

Nazdar® TX650 Series Digital Sublimation Inks are designed for use in the following printer platforms:

Mimaki™ JV22-130, JV3, JV33, JV4, JV5-160 & TS-34

Mutoh™ RJ6100, RJ8000, RS900, Viper 65, 90, 100, ValueJet 1204, 1304, ValueJet 1604, 1614,

ValueJet 1628TD, ValueJet 2628TD, ValueJet 1638W

Roland™ FP640/740–Pro II, XC/XJ-640/740–Pro III, Pro II -SJ, FJ, SC, RS Series, RE-640

Nazdar® TX650 Series Ink is water-based, dye-sublimation ink suitable for transfer applications. The primary features are as follows:

- Bright, vibrant and clean colors
- Superior fastness properties
- Excellent release properties giving superb transfer definition and color
- Reliable printer performance
- Industry leading warranty
- Excellent outline definition

Substrates

- Polyester and polyamide fabrics, Spandex™, Lycra™
- Mixed synthetic fabrics, minimum polyester content 60%
- Pre-coated ceramics, metals and plastics

Packaging

1 liter bottle - Standard

1 liter bottle - Suitable for Manoukian™ BFS

1 liter bottle - Suitable for Sensient™ BFS

Natural



Manoukian™ BFS



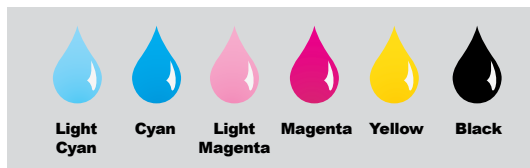
Sensient™ BFS



1 liter bottle - Natural

Item No.	Colors
LTAS650NCY1L	Cyan 1LN
LTAS650NMA1L	Magenta 1LN
LTAS650NYE1L	Yellow 1LN
LTAS650NKK1L	Black 1LN
LTAS650NML1L	Light Magenta 1LN
LTAS650NCL1L	Light Cyan 1LN

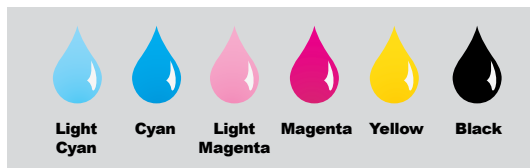
Item No.	Clean Up
LTAS650NCF1L	Flush Solution 1LN



1 liter bottle (suitable for Manoukian™ BFS)

Item No.	Colors
LTAS650MCY1L	Cyan 1LM
LTAS650MMA1L	Magenta 1LM
LTAS650MYE1L	Yellow 1LM
LTAS650MKK1L	Black 1LM
LTAS650MML1L	Light Magenta 1LM
LTAS650MCL1L	Light Cyan 1LM

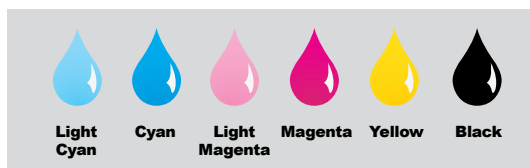
Item No.	Clean Up
LTAS650MCF1L	Flush Solution 1LM



1 liter bottle (suitable for Sensient™ BFS)

Item No.	Colors
LTAS650SCY1L	Cyan 1LS
LTAS650SMA1L	Magenta 1LS
LTAS650SYE1L	Yellow 1LS
LTAS650SKK1L	Black 1LS
LTAS650SML1L	Light Magenta 1LS
LTAS650SCL1L	Light Cyan 1LS

Item No.	Clean Up
LTAS650SCF1L	Flush Solution 1LS



NAZDAR[®]
Ink Technologies

Aqueous Inks



Hydrocolor Aqueous Inks

Aqueous

NAZDAR[®]
Ink Technologies

Water based environmentally friendly inks for outdoor and industrial applications



Hydrocolor Technology Inks

As we are all aware, there is, quite rightfully, a powerful movement to offer the most ecologically sound and environmentally considerate products possible for today's digital print sectors. While there is still great demand for solvent and UV ink technologies, manufacturers have been prompted to create and innovate in order to serve the green thinking consumer in this sector.

Nazdar HydroColor inks represent a true alternative to solvent, UV and Latex technologies for outdoor and a host of industrial applications. Utilising state of the art development techniques Nazdar have created a water based ink, that when printed onto standard outdoor stable media, can be displayed outside without the need for a top coat or lamination.

Key Features

- VOC free
- Carries no regulatory markings i.e. Irritant, Harmful, flammable etc.
- Outdoor durability of up to two years*
- No pre or post treatment required
- Reduce ink usage when compared to solvent
- Extra wide colour gamut
- Compatible with a wide range of print head technologies
- Available in C M Y K LC LM & W
- Print directly on to a huge range of substrates including:
 - PVC based vinyl and banner
 - BioMedia
 - Uncoated PE and PP
 - Wallpaper
 - Coated textiles
 - Leather
 - Paper
 - Glass
 - Aluminium
 - Canvas
 - Film
 - Plastics
 - Polycarbonate
 - PET
 - Much, much more!

This type of technology is ideal for those wanting to launch new hardware or adapt existing print platforms for optimum performance. Nazdar Hydrocolor Technology Inks offer a multitude of advantages for:

1. System Integrators – Those who can take NEW printers and adapt them to be suitable for this type of ink.
2. OEM Partners – Those who have the capability to construct new printers dedicated to this type of technology.

*When used with suitable media.

AQ600 Series Aqueous Inks

Chemically
Miscible



OEM Color
Compatible



Epson Stylus Pro® 4000, 7600, 9600

Nazdar® Lyson® Photochrome® AQ600 Series Digital Imaging Inks are designed for use on Epson Stylus Pro® 4000, 7600 & 9600 printers. Nazdar® Lyson® Photochrome® AQ600 Series Digital Imaging Inks are aqueous pigment based inkjet inks designed for use in Epson Digital Printers.

The primary features of these inks are as follows:

- Color and chemical match to the OEM.
- Neutral-shaded blacks for improved grey balance
- Wide gamut reproduction and vibrant colors.
- Superior black density on a wide variety of gloss and satin substrates.

Substrates

OEM Media is recommended for optimal results.

Packaging (Bulk only)

All colors listed below are available in 1 liter bottles

Item No.	Colors
LWAAQ600CY	Cyan
LWAAQ600MA	Magenta
LWAAQ600YE	Yellow
LWAAQ600KP	Photo Black

Item No.	Colors
LWAAQ600CL	Lt Cyan
LWAAQ600ML	Lt Magenta
LWAAQ600KL	Lt Black
LWAAQ600KM	Matte Black



Aqueous



AQ800 Series Aqueous Inks



NAZDAR
Ink Technologies

Lyson
DIGITAL INKJET INKS

Epson Stylus Pro® 4800, 7800, 9800

Nazdar® Lyson® PhotoChrome® AQ800Series Digital Imaging Inks are designed for use in Epson Stylus Pro® 4800, 7800 & 9800 printers. Nazdar® Lyson® PhotoChrome® AQ800 Series Digital Imaging Inks are aqueous pigment based inkjet inks designed for use in Epson Digital Printers.

The primary features of these inks are as follows:

- Precise color-match to Epson® Ultrachrome K3® inks
- High gloss pigments for excellent results on instant-dry gloss and satin papers.
- Low metamerism levels to reduce apparent color shift under different lighting temperatures.
- Wide gamut reproduction and vibrant colors.
- Excellent black density on a wide variety of gloss and satin substrates.

Substrates

OEM Media is recommended for optimal results.

Packaging (Bulk only)

All colors listed below are available in 1liter bottles.

Item No.	Colors
LWAAQ800CY	Cyan
LWAAQ800MA	Magenta
LWAAQ800YE	Yellow
LWAAQ800KP	Photo Black
LWAAQ800KM	Matte Black

Item No.	Colors
LWAAQ800CL	Lt Cyan
LWAAQ800ML	Lt Magenta
LWAAQ800KL	Lt Black
LWAAQ800KX	Lt Lt Black



AQ880 & AQ900 Series Aqueous Inks

Chemically
Miscible



OEM Color
Compatible



NAZDAR
Ink Technologies

Lyson
DIGITAL INKJET INKS

Epson Stylus Pro® 4880, 7880, 9880, 7890, 9890, 4900, 7900, 9900

Lyson AQ880 and AQ900 Series Digital Imaging Inks are aqueous pigment based inkjet inks designed for use in Epson Digital Printers.

The primary features of these inks are as follows:

- Precise color-match to Epson® Ultrachrome K3® inks including Vivid Magenta, Green & Orange
- High gloss pigments for excellent results on instant-dry gloss and satin papers.
- Low metamerism levels to reduce apparent colour shift under different lighting temperatures.
- Wide gamut reproduction and vibrant colors.
- Excellent black density on a wide variety of gloss and satin substrates.

Substrates

OEM Media is recommended for optimal results.

Packaging (Bulk only)

All colors listed below are available in 1 liter bottles

Item No.	Colors	Item No.	Colors	Item No.	Colors
LWAAQ880CY	Cyan	LWAAQ880CL	Lt Cyan	LWAAQ900GR	Green
LWAAQ880VMA	Vivid Magenta	LWAAQ880VML	Vivid Lt Magenta	LWAAQ900OR	Orange
LWAAQ880YE	Yellow	LWAAQ880KL	Lt Black		
LWAAQ880KP	Photo Black	LWAAQ880KX	Lt Lt Black		
		LWAAQ880KM	Matte Black		



Aqueous

COLOR SEPARATION

Aqueous Inks



Epson Stylus Pro® Series Printers

Nazdar® Color Separation Series Digital Imaging Inks are for use in the Epson Stylus Pro® printers listed in the tables below.

Nazdar® Color Separation Series Digital Imaging Inks are dye based black inkjet inks designed for use in Epson Printhead Technology Digital Printers for producing screen print film positives. The primary features of these inks are as follows:

- High intensity black with a high UV density value for maximum UV light adsorption
- Consistent color density values
- Excellent ink performance and resolution on a variety of exposure films
- Can print at higher speeds compared to using pigment inks.
- Lower running costs through the use of no color ink cartridges in the other ink channels

Substrates

Recommended for use with all standard film positive products

Packaging

All colors listed below are available in 1 litre containers.

cartridges for Epson® Stylus Pro 4800 are available in 220 ml cartridges.

cartridges for Epson® Stylus Pro® 4000/7600/9600 are available in 220 ml cartridges.

Bulk feed systems for use with Epson 7600/9600 and 4000 printers

cartridges for Epson® Stylus Pro® 7800/9800 are available in 220ml cartridges.

Bottle Container Product Range 1 Liter bottle

Item No.	Colors
LPASCRSEPKK1L	Piezo Color Sep Black
LPAQIBSSNC1L	Piezo NCI Sep Clear

Nazdar® 55 Color Separation Cartridges for Epson® Stylus Pro 7700/9700 350ml cart

Item No.	Color
LPA55G4SSKKC3	Foto Black
LPA55G4SSKMC3	Matte Black
LPA55G4NCIYEC3	NCI Yellow
LPA55G4NCICYC3	NCI Cyan
LPA55G4NCIMAC3	NCI Magenta
LPA55G4NCIKMC3	NCI Matt Black
LPA55G4NCIKKC3	NCI Foto Black

Nazdar® 55 Color Separation Cartridges for Epson® Stylus Pro 7890/9890 350ml cart

Item No.	Color
LPA55G4SSKKC3	Foto Black
LPA55G4SSKMC3	Matte Black
LPA55G4NCIYEC3	NCI Yellow
LPA55G4NCICLC3	NCI Lt Cyan
LPA55G4NCICYC3	NCI Cyan
LPA55G4NCIMLC3	NCI Lt Magenta
LPA55G4NCIMAC3	NCI Magenta
LPA55G4NCIKMC3	NCI Matte Black
LPA55G4NCIKXC3	NCI L L Black
LPA55G4NCIKKC3	NCI Foto Black
LPA55G4NCIKLC3	NCI Lt Black

Nazdar® Lyson® Color Separation Cartridges for Epson® Stylus Pro 4800 220ml cart

Item No.	Color
LPAE4800SSKKC2	Screen Separation Black
LPAE4800SSKLC2	Screen Separation Lt Black
LPAE4800SSKXC2	Screen Separation Lt Lt Black
LPAE4800NCICYC2	NCI Cyan
LPAE4800NCIMAC2	NCI Magenta
LPAE4800NCIYEC2	NCI Yellow
LPAE4800NCIKKC2	NCI Black
LPAE4800NCICLC2	NCI Lt Cyan
LPAE4800NCIMLC2	NCI Lt Magenta
LPAE4800NCIKLC2	NCI Lt Black
LPAE4800NCIKXC2	NCI Lt Lt Black
LPAE4800SSACKT	Screen Separation Set
LPFE48CLNACKT	Cleaning Cartridge Kit

Nazdar® Lyson® Color Separation Cartridges for Epson® Stylus Pro 4000/7600/9600 220ml cart

Item No.	Color
LPAE47696SSKKC2	Screen Separation Black
LPA47696NCICYC2	NCI Cyan
LPA47696NCIMAC2	NCI Magenta
LPA47696NCIYEC2	NCI Yellow
LPA47696NCIKMC2	NCI Matte Black
LPA47696NCICLC2	NCI Lt Cyan
LPA47696NCIMLC2	NCI Lt Magenta
LPA47696NCIKLC2	NCI Lt Black
LPAE40SSACKT	Screen Separation Startup Set
LPAE7696SSACKT	Screen Sep Startup Set
LPFE40CLNACKT	Cleaning Flush Cart Set
LPFE7696CLNACKT	Cleaning Cartridge Set

Nazdar® Lyson® Replacement Color Separation Cartridges for Epson® Stylus Pro® 7600/9600 and 4000 Bulk Feed System 220ml cart

Item No.	Color
LPA7696BFMTACKT	Refill Cartridge Set
LPA40BFMTACKT	Refill Cartridge Set

Nazdar® Lyson® Replacement Color Separation Cartridges for Epson® Stylus Pro 7800/9800 Cartridges 220ml cart

Item No.	Separation Ink
LPAE7898SSKKC2	Screen Separation Black
LPAE7898SSACKT	Screen Separation Kit

Item No.	Clears
LPAE7898NCICYC2	NCI Cyan
LPAE7898NCIMAC2	NCI Magenta
LPAE7898NCIYEC2	NCI Yellow
LPAE7898NCICLC2	NCI Lt Cyan
LPAE7898NCIMLC2	NCI Lt Magenta
LPAE7898NCIKLC2	NCI Lt Black
LPAE7898NCIKXC2	NCI Lt Lt Black
LPFE7898CLNACKT	Cleaning Cartridge Set

Nazdar® Lyson® Replacement Color Separation Cartridges for Epson® Stylus Pro 4880 Cartridges 220ml cart

Item No.	Separation Ink
LPAE4880SSKKC2	Screen Separation Black
LPAE4880SSKLC2	Screen Separation Lt Black
LPAE4880SSACKT	NCI/SS Startup Set

Item No.	Clears
LPAE4880NCICLC2	NCI Lt Cyan
LPAE4880NCICYC2	NCI Cyan
LPAE4880NCIKKC2	NCI Black
LPAE4880NCIKLC2	NCI Lt Black
LPAE4880NCIKXC2	NCI Lt Lt Black
LPAE4880NCIMAC2	NCI Magenta
LPAE4880NCIMLC2	NCI Lt Magenta
LPAE4880NCIYEC2	NCI Yellow

Nazdar® Lyson® Replacement Color Separation Cartridges for Epson® Stylus Pro 7880/9880 Cartridges 220ml cart

Item No.	Separation Ink
LPAE880SSKKC2	Screen Separation Black
LPAE880SSACKT	NCI/SS Startup Set

Item No.	Clears
LPAE880NCICLC2	NCI Lt Cyan
LPAE880NCICYC2	NCI Cyan
LPAE880NCIKKC2	NCI Black
LPAE880NCIKLC2	NCI Lt Black
LPAE880NCIKXC2	NCI Lt Lt Black
LPAE880NCIMAC2	NCI Magenta
LPAE880NCIMLC2	NCI Lt Magenta
LPAE880NCIYEC2	NCI Yellow



Software and Services



CATZper2® Spot Color Matching System at www.CATZper.com

Stop wasting time guessing what CMYK combination will achieve the closest match to a target spot color. CATZper2 software is a must for any digital printer that frequently needs to reproduce Pantone® Colors, corporate colors, or printing company's "standard" colors. CATZper2 is faster than all prior versions and at \$295 will pay for itself in less than 5 uses.

CATZper2 is faster than all prior versions.

- Generate a Spot Color Matching color grid in seconds with white or colored background
- Generate a Spot Color Tolerance "snowflake" grid to determine acceptable color shifts
- Email the grid file to yourself, your press operator or anyone you choose

CATZper2 gives your business up to 10 user logins and unlimited use.

- Each User gets a personal login and can customize their preferences
- No limit to the number of grids - 1, 10, 50 or more a day

CATZper2 can be accessed from most any computer with internet access.

- Access CATZper2 from your work computer, home computer, and even your iPad®
- Renewable annual subscription for only \$295 a year.

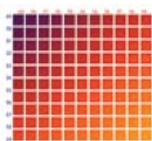
CATZper2.... How It Works



Every day, clients submit custom color requirements that you are expected to match on your digital printer.

Normally, you print a close PMS match and then chase the client's custom color with CMYK adjustments and swatch tests. This "hit-and-miss" process may take 3 to 6 attempts to get the color close. This costs you hours of valuable production time and materials. There is a better way!

CATZper2 software develops a simple grid from a L*a*b* reading of the intended color. This grid is then printed on the digital printer for you or the client to choose the right match.



The matching color will normally be printed on the grid in the first attempt if the color is within the color gamut of the printer. How much time and material would a spot color match, from the first print, save your company?

Nazdar Consulting Services

Training Nazdar's commitment to training

Nazdar has long been committed to bringing education and training to printers. Nazdar was the first company to bring UV curing technology and training to the screen printing industry in the form of seminars, manuals and technical articles.

Later this commitment to education and training was the basis for the MasterPrint Process Color seminar program which trained more than 2,500 printers in process color printing. The MasterPrint core group eventually formed what is now Nazdar Consulting Services, which moved classroom training to on-site customized training in printing facilities.

Nazdar Consulting Services is the leading on-site training group for large format ink jet and screen printing

companies that want to bring the latest methods in process control, color management, prepress workflow, and color matching to their companies. Their consultants are have been certified by IDEAlliance as G7 Experts, Color Management Professionals, and Process Control & Conformance Certified Experts. These consultants also have experience in Flexo and Offset printing technologies.

G7® Master Printer What is G7?



G7 is Idealliance's industry-leading set of best practices for achieving gray balance and is the driving force for achieving visual similarity across all print processes.

G7 is a method defined by the Print Properties and Colorimetrics Working Group of IDEAlliance. The application of this method enables printers to reproduce a similar visual appearance across printing types and substrates. Today, through the PPC Working Group, experts from across the spectrum of printing disciplines contribute to this important IDEAlliance Methodology. G7 specifies the components of an image that define a similar "visual appearance" to the human eye.

To do this, the G7 Method:

- Defines a colorimetric definition for gray balance, and
- Specifies gray balance in the midtones, image weight and image contrast from the highlights to the shadows, which are the factors that determine likeness of the visual appearance of an image.

Become a G7 Qualified Master Printer

Nazdar Consulting is the leader for getting screen and inkjet printing companies G7 Qualified. Take advantage of the improved efficiency G7 color control will immediately bring to your production printing by contacting us to find out how G7 can help your bottom line. We can bring G7 practices to your current process in order to take advantage of this latest color control method. We can also get your process G7 Qualified to meet the requirements of clients requiring certification.



Over a four day period our G7 Qualified Experts will:

- Calibrate one digital print device on three types of media to G7 compliancy.
- Calibrate one screen press and one substrate to G7 compliancy.
- Train (and qualify, if you choose qualification) your operators to manage an ongoing G7 calibrated production environment when using varied inks, media and printers.
- Calibrate and profile your proofer to G7 compliancy.

IDEAlliance PCC (Process Control and Conformance) Impact Assessment

What is PCC?

More profitable graphic producers are very accurate to the input graphic files on final output. This has been verified by GATF, IPA and other studies of top graphic producers. The problem these producers have voiced to IDEAlliance is, "How do we produce indisputable evidence that our process control is what we say it is?"

PCC actually does this. Idealliance now offers a PCC Qualification with a listing on their website of PCC Qualified Companies. This qualification may be good enough for most companies. However, it also qualifies the company to be tested and "Certified" by R.I.T. as a "Certified PCC Company".

PCC Consultants train and implement PCC then the client has the option of having R.I.T. Experts actually test and verify the workflow, methodologies and final results. This is "PCC Certification". Even creative agencies have now signed up for training on PCC to ensure they understand best practices regarding creation of files and are able to effectively communicate PCC with their print vendors.

Development of PCC

PCC is a 24 module training program that trains, demonstrates and implements the proven and verified "best practices" verified and tested by the top graphic consultants in the U.S. and Canada as well as by R.I.T. in Rochester New York. PCC Qualification training provides classroom training, Powerpoint training tools, control forms and QC sign-off documentation of every workflow touch.

FREE Process Control Impact Assessment:

Nazdar Consulting Services Certified PCC Experts offer a free process control impact assessment that documents a client's current workflow compared to industry "best practices". This provides a high level knowledge base of areas of a graphic workflow that could be more accurate, automated and more productive.

Deliverable of the Impact Assessment:

1. A complete written improvement plan based on PCC guidelines. This plan will include any software that may be needed to drive productivity.
2. A no-obligation proposal for training and software by NCS.

Chromatix®
Transforming the art
of printing into the
science of accurate color
reproduction.



Chromatix system was developed at ReyHan PGF by Mike Ruff. It was refined and expanded to a format that became the Chromatix Certification Program. Chromatix Consultants are professional consultants with the experience, knowledge and talent found nowhere else in the industry. They are calibration profiling consultants, color experts, sales trainers, color management trainers, and software application professionals. There is no area of a company ignored if there is an opportunity to improve profitability through training or calibration.

Why Chromatix

Printers were being asked to achieve new levels of performance with major customers demanding excellence in color matching and consistency as well as faster turn times on short-run jobs that wouldn't support costly in-plant experimentation. These continue to be the kinds of standards expected.

Chromatix & G7

Today NCS continues to use the Chromatix system to establish & promote the adoption of industry standards and process methods necessary to consistently meet levels of sustainable performance in quality and productivity. Nazdar Consulting Services assists printers with training, calibration and implementation of quality improvements needed to attain G7 qualification. A list of G7 Master Printers can be

found on the Idealliance website. Idealliance is an organization that manages industry standards and specifications.



Process NIO (Nazdar Image Optimization) Image Optimization

Nazdar Consulting Services has developed, tested and deployed our image optimization system we call ProcessNIO to over 25 companies in the last two years. Image optimization is "Dynamic Device Link" technology that uses a unique and new color control and optimization process. It is not a RIP in fact it works with almost any RIP a client may already have therefore we don't ask our clients to replace their RIPs.

ProcessNIO CMYK Optimizer is unique, brand new technology and there is nothing else on the market like it. Our software won the RIT Comparison, the IFRA Comparison, the PIA GATF comparison including the PIA GATF Inter-tech Award 08. It is in use by over 500 printers worldwide.

ICC Compatibility

processNIO uses ICC Profiles, and builds the Device links dynamically. In other words it builds as many links as necessary on every file to maintain color accuracy. No proprietary color engines of a RIP can do that. Color conversions of our clients are showing fantastic results.

Hot Folder Workflow

ProcessNIO developed by Nazdar with the CMYK Optimizer is a hot folder based workflow - Drag and drop. You can have hot folders on as many desktops as you want - Optimized file can be sent to any location on the server. Example - Vutek In - File optimized and then moved to a "Ready - to - Print folder on the server". All the Vutek operator does is queue the file. It then produces ISO compliant and colorimetrically accurate PDF/X files (ISO 12647 print standards)

NazdarConsulting.com

Toll Free: 800-677-4657 ext. 2733

Notes:



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Ink Technologies



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