

NAZDAR
INK TECHNOLOGIES

OEM
GROUP

INKJET FLUIDS
CAPABILITIES & SERVICES

Inkjet Fluids For Original Equipment Manufacturers

Trusted Partnership



Trust

Service

A Legacy of Trusted Partnership

Since 1922, Nazdar has been serving the printing industry by providing high quality products, expert technical knowledge, and unparalleled customer service. Nazdar has over thirty years experience developing fluids for inkjet OEMs and printhead partners.

Our experience in non-compete and non-disclosure relationships means you can be confident that all proprietary information will be handled carefully.

Support

Nazdar

A photograph of a modern, multi-story office building with large glass windows and a concrete facade. In the foreground, a concrete sign with the word "NAZDAR" in large, bold letters is visible. The sign has "NAZ" in black and "DAR" in red. The building is set on a well-maintained green lawn under a clear blue sky. An American flag is visible on a tall pole to the left of the building.

NAZDAR

Inkjet Fluids For Original Equipment Manufacturers

Nazdar's technical team will ensure a smooth implementation of our products into your manufacturing processes, consistently providing outstanding service, support, and security.

Technical Expertise



Expertise

Support

Nazdar values sustainability as a crucial factor when bringing new products to market, utilizing low-migration and water-based ingredients whenever possible.

Global Stewardship

Security

Nazdar



Inkjet Fluids For Original Equipment Manufacturers

Global Reach

With three manufacturing facilities and multiple distribution centers across the globe, Nazdar will deliver your product where and when you need it.

Our state-of-the-art production facilities will meet all your inventory, labelling and regulatory requirements. We can deliver customized containers and packaging to optimise branding for your product and convenience for your customers.



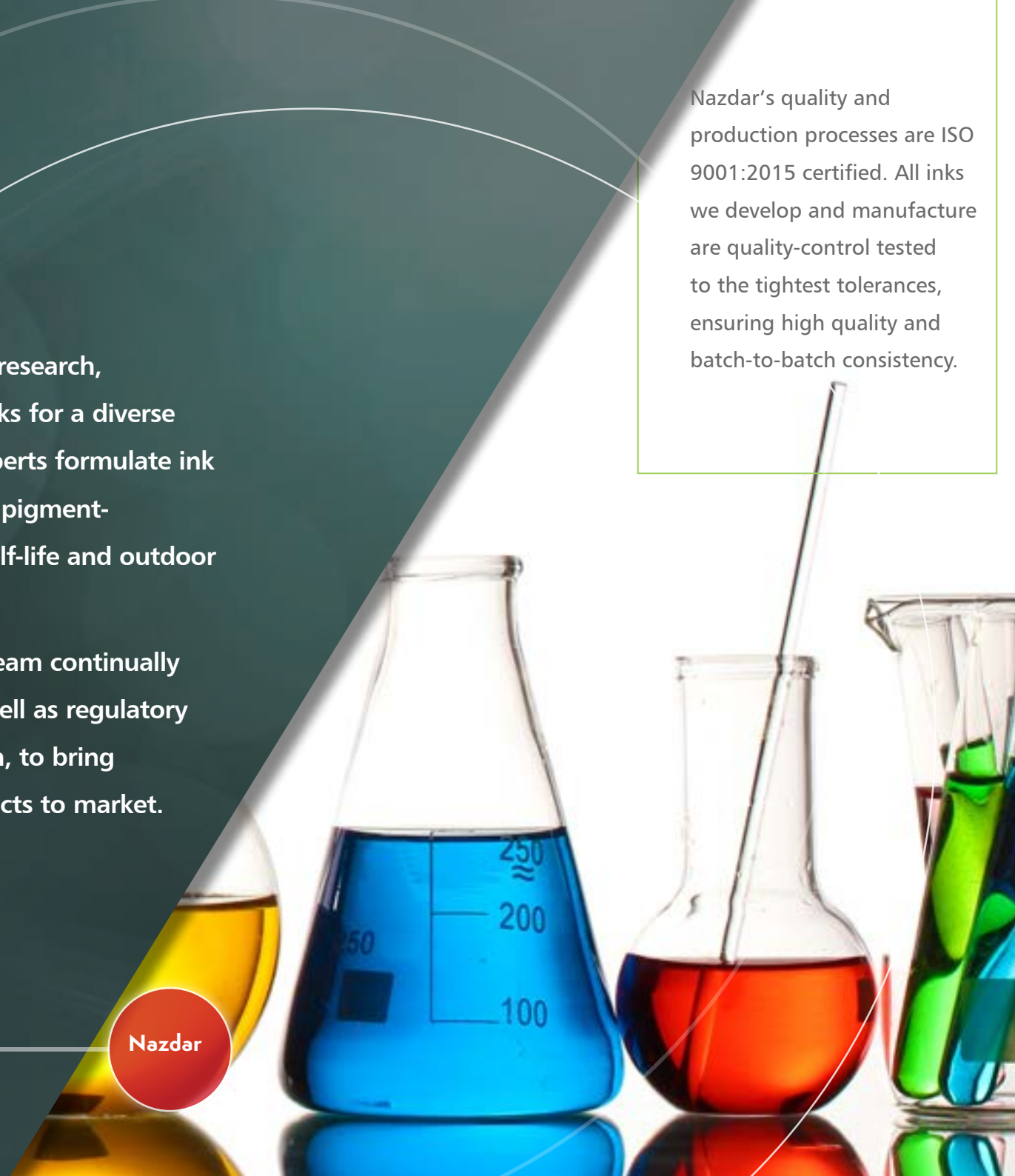
Nazdar has a strong reputation in the research, development and manufacturing of inks for a diverse range of printing applications. Our experts formulate ink systems for optimum colour, viscosity, pigment-stabilization, UV-cure speed, active shelf-life and outdoor durability.

Nazdar's Research and Development team continually evaluates the latest technologies, as well as regulatory concerns and country-based legislation, to bring innovative and high-performing products to market.

Nazdar's quality and production processes are ISO 9001:2015 certified. All inks we develop and manufacture are quality-control tested to the tightest tolerances, ensuring high quality and batch-to-batch consistency.

Deliver

Nazdar



Selecting The Right Fluid

Step 1: Application

Understanding the application and substrate(s) is an integral part of the selection process. It's also important to identify any pre-treatments that may be used.

Step 2: Printhead

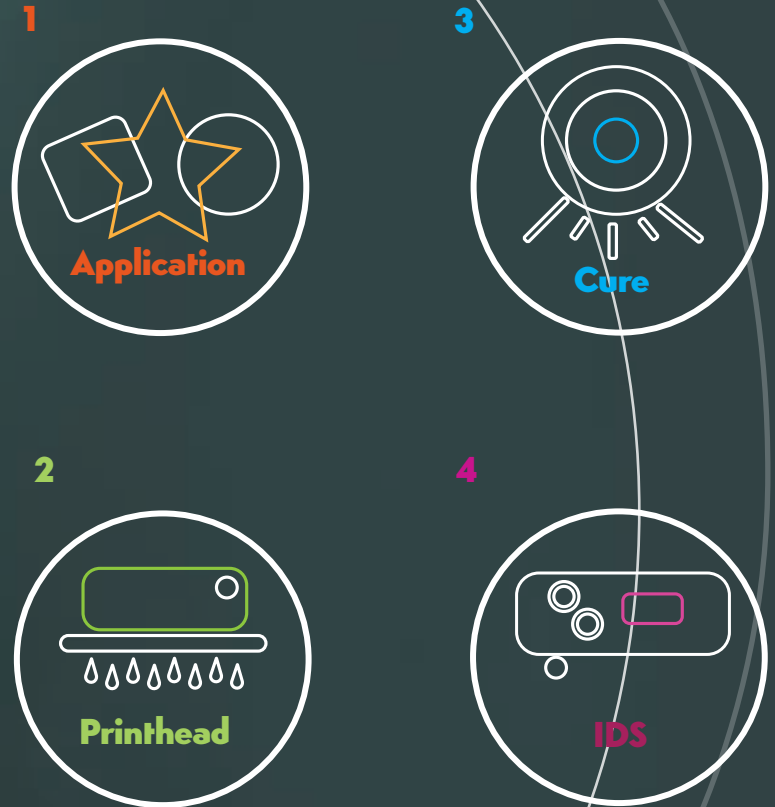
The printhead is key to the overall press layout and is the driver for both speed and quality. Ensuring the fluid has the correct viscosity window for your printhead enhances drop placement and reduces satellites during jetting.

Step 3: Cure

Fluids are each designed for a specific curing system, which each offer a variety of different features. Understanding each system's performance characteristics enables smooth integration and reliability once your press is in production.

Step 4: Ink Delivery System (IDS)

Ink Delivery Systems are a key component in creating a production-ready digital inkjet solution. Understanding the chemical restrictions within a system is a key first step in making a fluid selection.





Performance

Nazdar

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- 3D Printing ▶
- Inkjet Fluid Technology ▶

Clear Functional Fluids

Clear Functional Fluids

MULTI-FUNCTIONAL CLEAR COATINGS

		140	240HDC	240SC	240CC
Spec	Viscosity @ 45C (cP)	10><13	10><13	10><13	10><13
	Surface Tension (Dyne/cm2)	22><24	21><24	34><36	34><36
Cure	UV (Hg)	YES	YES	YES	YES
	LED (395nm)	NO	YES	YES	YES
Speed (up-to)	Dependent on head type	75m/min	75m/min	75m/min	50m/min
Clarity Rating	Transparency of finished clear coat	3	2	1	3
Foiling	Cold	YES	YES	YES	YES
	Hot	YES	YES	YES	NO
Flooding	100% coverage at high film waits	3	3	2	2
Spot	Greyscale & detailing	1	1	3	2
EU Reach Compliant		YES	YES	YES	YES
Satellite Reduction Chemistry (SRC)		NO	YES	YES	YES
High Laydown Capability	* Only available with some printheads	NO	NO	YES*	YES*
EN71 Approved		YES	YES	YES	YES
Odour level		2	2	2	2
Low Migration	** Migration must be independently tested per application	YES**	YES**	YES*	YES**
Nestlé Compliant		NO	NO	NO	NO
		NO	NO	NO	NO

Clear Functional Fluids

Nazdar 140 Series

Nazdar's 140 fluid has been designed with the narrow web packaging market in mind. Its wide adhesion range to synthetic substrates make it ideal for embellishments, adding value to most pre-printed designs.

Clear Functional Fluids

Key Features

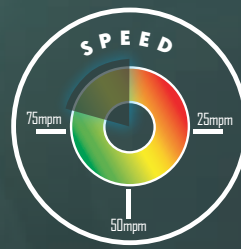
- Curable with mercury lamps.
- Designed for flood/heavy deposit applications.
- Line speeds of 75 meters/minute.
- Formulated for use with typical narrow web and roll label substrates.



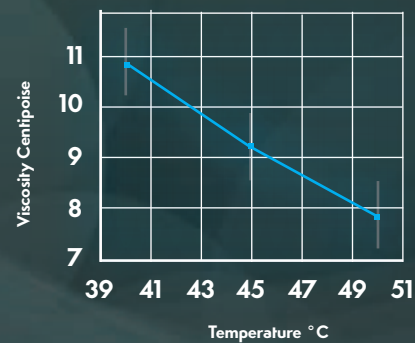
- Overprint Offset
- Label Stock
- Overprint Laminate
- Overprint Flexo
- Shrink Sleeve
- Overprint Dry-toner



- Mercury Lamp
- *Can be pin-cured with LED lamps



Viscosity Temperature Curve



- Hot & Cold Foiling with outstanding results.
- Recently the addition of embellishments such as over-foiling has been trending.
- This gives brand owners increased shelf-appeal with their end customers.



Clear Functional Fluids

Nazdar 240 HDC Series

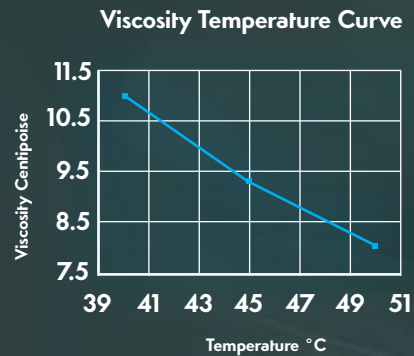
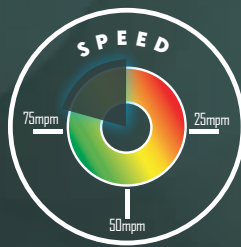
240 HDC is a high-build varnish with outstanding flow for high-speed inkjet printing. With Satellite Reduction Chemistry built in, superior edge-definition, and optimum clarity, 240 HDC is excellent for digital overprint varnish applications. Once pinned, the ink film accepts foiling, hot or cold.



Overprint Offset
Label Stock
Overprint Laminate
Overprint Flexo
Shrink Sleeve
Overprint Dry-toner



Mercury Lamp
*Can be pin-cured
with LED lamps



Satellite Reduction Chemistry
Chemically designed such that each ejected drop has outstanding rheology properties that greatly reduce the risk of heavy satelliting.
SRC helps with drop placement quality, reducing the need for the integration of mist mediation devices within the printer.
Drops have visibly improved in-flight elasticity, with the ligature showing uniformity even at high throw distances.

Clear Functional Fluids

Key Features

- Curable with LED mercury lamps.
- Designed for high-build applications.
- Line speeds of 75 meters/minute.
- Formulated for use with typical narrow web and roll label substrates.
- Outstanding flexibility for folding, edge-cutting and creasing.

Clear Functional Fluids

Nazdar 240 SC Series

Nazdar's 240 SC can produce fine detail while maintaining good flow characteristics. 240 SC also allows high-build applications in the growing market of tactile finishes. Its structural properties allow high deposits to keep their edge formation without compromising on overall gloss finish.



Overprint Offset

Label Stock

Overprint Laminate

Overprint Flexo

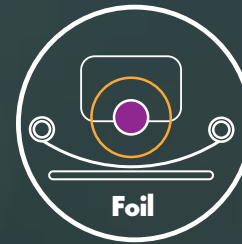
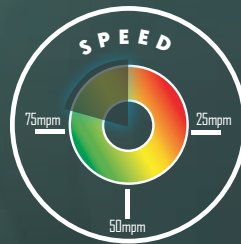
Shrink Sleeve

Overprint Dry-toner



Mercury Lamp

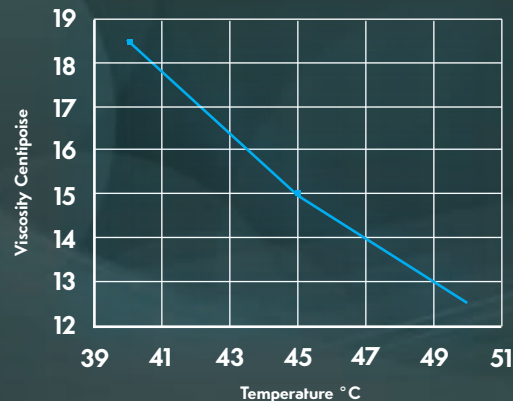
*Can be pin-cured
with LED lamps



Hot & Cold Foiling
with Outstanding Results

Recently the addition of embellishments such as over-foiling has been trending. This gives brand owners increased shelf-appeal with their end customers.

Viscosity Temperature Curve



Clear Functional Fluids

Key Features

- Curable with mercury lamps.
- Designed for flood/heavy deposit applications.
- Line speeds of 75 meters/minute.
- Formulated for use with typical narrow web and roll label substrates.



Clear Functional Fluids

Nazdar 240 CC Series

240 CC features Nazdar's Crystal Clear technology; the outstanding clarity allows high deposits to be printed with little yellowing once cured. Its rheology characteristics also allow for excellent edge definition, even in high laydown mode. In addition to excellent clarity, 240 CC offers outstanding foiling capabilities, truly making it a next-generation clear.

Clear Functional Fluids

Key Features

- Curable with LED and mercury lamps
- Designed for high-build applications
- Line speeds of up to 50 meters/minute
- Formulated for use in high build applications Outstanding clarity



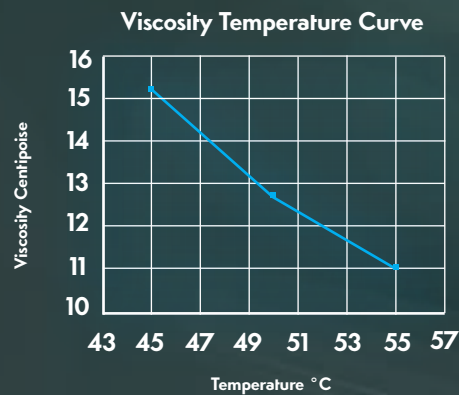
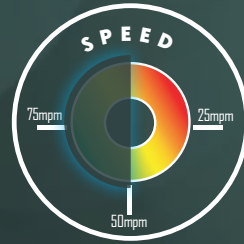
Application

- Overprint Offset
- Label Stock
- Overprint Laminate
- Overprint Flexo
- Shrink Sleeve
- Overprint Dry-toner



Cure

Mercury Lamp
LED (395nm)



Crystal Clear Technology

When printing high-build deposits of varnish with LED-cured fluids, clarity can sometimes suffer from yellowing.

For the Crystal Clear range, Nazdar's R&D team has focused on low discoloration, providing a clarity that is unsurpassed in its field. This allows Nazdar partners the freedom to use LED-cure while maintaining original colour requirements.



Packaging & Labelling

Packaging & Labelling

SERIES

Spec	Viscosity @ 45C (cP)
	Surface Tension (Dyne/cm2)
Cure	UV (Hg)
	LED (395nm)
Speed (up-to)	Dependent on printhead type
Colour	
EU Reach Compliant	
Satellite Reduction Chemistry (SRC)	
High Laydown Capability	
Pack Size	
Low Odour	
Low Migration**	** Migration must be independently tested per application
Nestlé Compliant	
Swiss Ordinance Compliant	

PACKAGING & LABELLING

200	201	205	220
10><13	8><9	10><13	10><13
22><25	22><24	27><29	21><23
YES	YES	YES	YES
YES	YES	YES	YES
75m/min	75m/min	75m/min	50m/min
CMYK	CMYK+W	White	CMYK+W
YES	YES	YES	YES
NO	YES	YES	YES
NO	NO	NO	NO
5-liter, 1-liter	5-liter, 1-liter	5-liter, 1-liter	5-liter, 1-liter
YES	YES	YES	YES
YES**	YES**	YES**	YES**
NO	NO	NO	YES
NO	NO	YES	YES

Scale: 1 = moderate performance, 3 = optimal performance



Packaging & Labelling

Nazdar 200 Series

Nazdar's 200 fluids are basic LED-curing narrow web inks designed for applications that do not require high-speed or adherence to compliance standards like EuPIA or Nestle.

Packaging & Labelling

Key Features

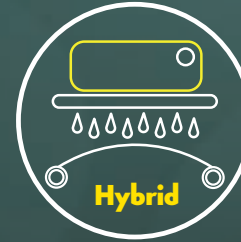
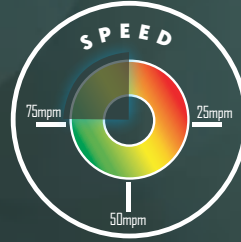
- Curable with LED mercury lamps.
- Designed for narrow web and roll label applications.
- Line speeds of up to 75 meters/minute.
- Low odour components.
- European REACH Compliant.



Label Stock
Infographics



LED (395nm)

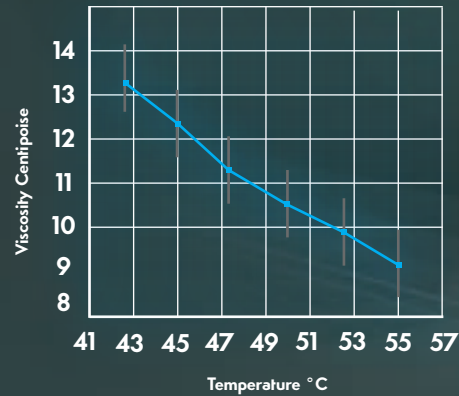


The 200 series is fit for flexo/
inkjet legacy technology with
an affordable, low odour, LED
curable solution.



Standard Colour Range

Viscosity Temperature Curve



Packaging & Labelling

Nazdar 201 Series

Nazdar 201 is Nazdar's latest narrow web and packaging fluid, featuring an updated rheology package suited for today's printhead speeds.

Packaging & Labelling

Key Features

- Curable with LED mercury lamps
- Designed for narrow web and roll label applications
- Line speeds of up to 75 meters/minute
- Low odour components
- European REACH Compliant
- Bright White



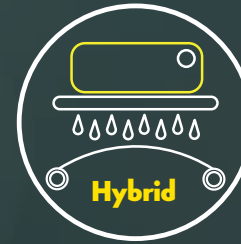
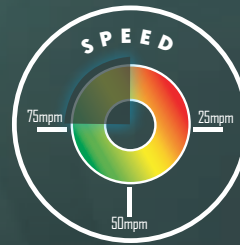
Application

Label Stock
Infographics



Cure

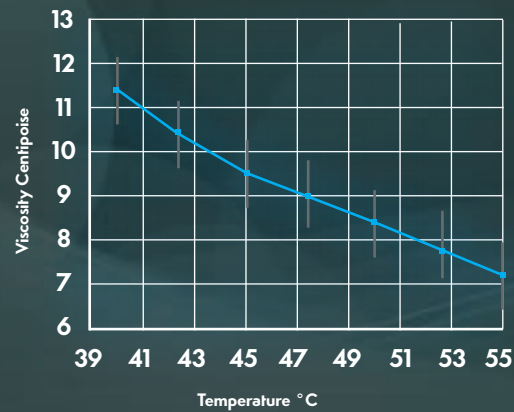
LED (395nm)



Hybrid

The 201 series is a fit for current flexo/inkjet technology, with an updated rheology package.

Viscosity Temperature Curve



Standard Colour Range



Packaging & Labelling

Nazdar 205 Series

Nazdar's 205 White is specially designed to withstand the heat and humidity of shrink sleeve applications.

Packaging & Labelling

Key Features

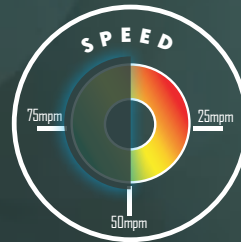
- Curable with LED and mercury lamps
- Designed for high-build applications Line speeds of up to 50 meters/minute
- Formulated for use with high-build applications
- Outstanding clarity



Label Stock
Infographics



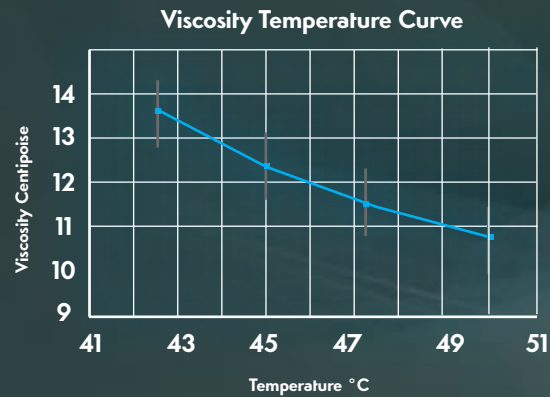
LED (395nm)



The 205 White is an ideal option for variable data for shrink sleeve applications



Standard Colour Range



Packaging & Labelling

Nazdar 220 Series

Nazdar's 220 fluid has been designed with the narrow web packaging market in mind. Its wide adhesion range to synthetic substrates make it ideal for embellishments, adding value to most pre-printed designs.

Packaging & Labelling

Key Features

- Designed to be cured in an oxygen-inhibited nitrogen environment Nestlé and Swiss
- Ordinance compliant
- Low odour, low migration formulation
- EuPIA compliant
- Ideal for food packaging



Application

Label Stock

Shrink Sleeve

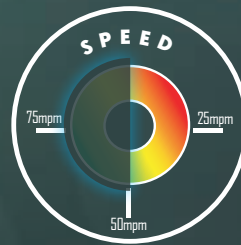
Overprint Flexo

Overprint Dry-Toner

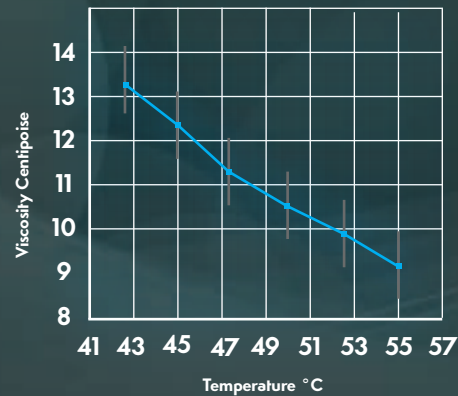


Cure

LED (395nm)



Viscosity Temperature Curve



Standard Colour Range

Extended Colour Range

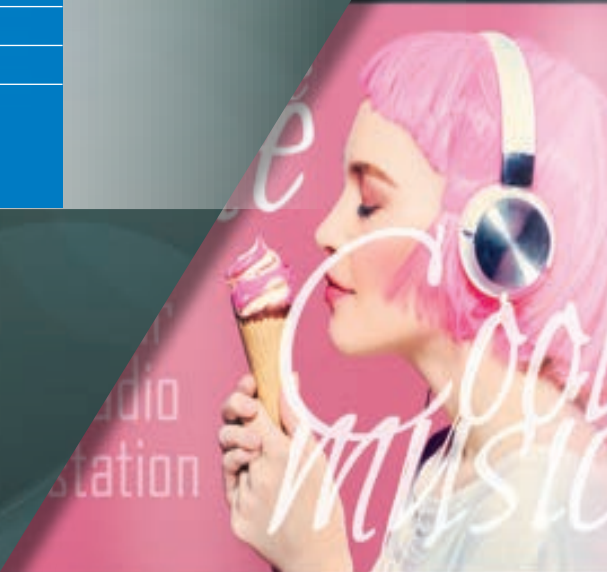


Multi-pass Graphics Fluids

Multi-pass Graphics

		MULTI-PASS UV GRAPHIC INKS			
		Product Print Non-heated ink system	Rigid Board Heated ink system (45°C)	Graphic	FWR
Spec	Viscosity @ 45C (cP)	6 - 8 @ 25C	10-13	10-13	10-13
	Surface Tension (Dyne/cm2)	34 - 37	22-26	22-24	27-30
Platform	Flatbed	-	3	1	2
	Hybrid	1	2	1	3
	Roll-to-Roll	3	1	3	2
Cure	UV (Hg)	YES	YES	YES	YES
	LED (395nm)	YES	YES	YES	YES
Odour		Low	Medium	Medium	Low
Flexible Substrate		3	1	3	2
Rigid Substrate		1	3	1	2
Colour Strength		High	High	Medium	High

Scale: 1 = moderate performance, 3 = optimal performance



Nazdar Graphic

Nazdar's Graphic inks have been designed to run in a heated ink system for the multi-pass display and durable graphics market. These inks are ideal for roll-to-roll and some hybrid systems, offering superb flexibility in a low-odour formulation.



Application

Flexible Graphic

Rigid Boards

Billboard

Display

Self-Adhesive Vinyl

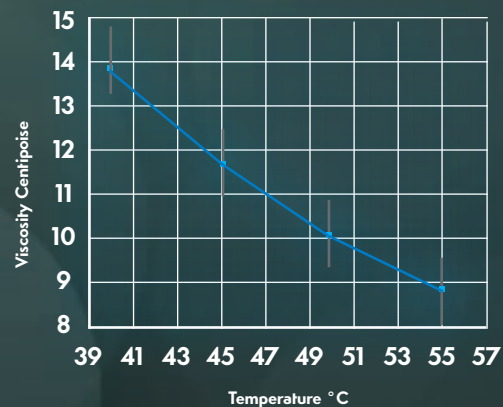
PVC



Cure

LED (395nm)

Viscosity Temperature Curve



Low Odour

In the ink world, we know chemicals smell, and that can make it difficult when printing in smaller areas or areas without ventilation. As UV inks do not contain VOC's, we took the next step to lowering the odour too, so you can print in better comfort.

Multi-pass Graphics

Key Features

- Designed for roll-to-roll graphics and billboard applications Curable by UV (Hg) and LED mercury lamps
- Pigments are blue wool 7 – 8
- Excellent flexibility, folding and creasing characteristics Ideal for stretchable backlit display media of various types



Nazdar Flex Water Resistant

Flex Water Resistant (FWR) is Nazdar's premium universal ink for all types of printers. With great flexibility and performance on rigid substrates, FWR can be used on Hybrid, Roll to Roll and Flatbed printers. The very low odour formulation and versatile applications, FWR produces excellent outdoor and indoor graphics and displays.

Key Features

- Low odour formulation
- Pigments are blue wool 7 - 8
- High impact, high intensity colours with extended colour gamut Adhesion on a wide variety of flexible and rigid substrates
- Curable by UV (Hg) and LED mercury lamps



Application

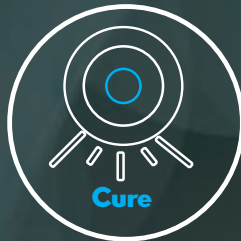
Flexible Graphic

Rigid Boards

Furniture

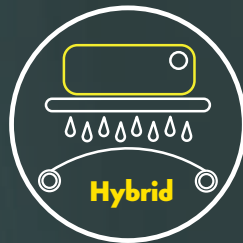
Product Print

Synthetic Leather



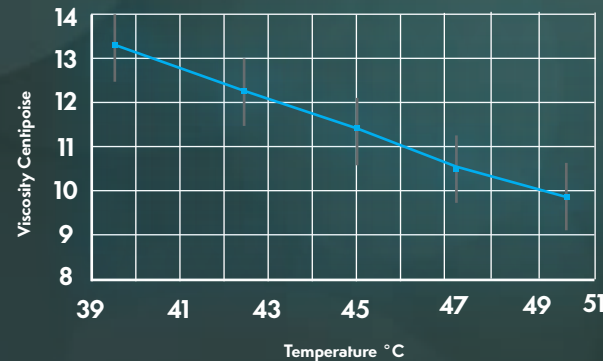
Cure

LED (395nm)



Hybrid

Viscosity Temperature Curve



Options for all printers

Formulated for use in both flexible and rigid applications, with excellent resistance to edge chipping on rigid substrates.



Nazdar Product Print (LV)

Product Print is a low-odour ink intended for the low viscosity range of graphics market printheads. Designed for use at room temperature in non-heated heads, it displays excellent colour gamut, print consistency and a very wide range of compatibility on both flexible and rigid substrates.

Key Features

- Enables quality durable printed products
- Exceptional flexibility, versatile applications
- Non-heated ink system
- Uses low odour components
- For graphics, print products



Application

Flexible Graphic

Rigid Boards

Synthetic Leather

Product Print

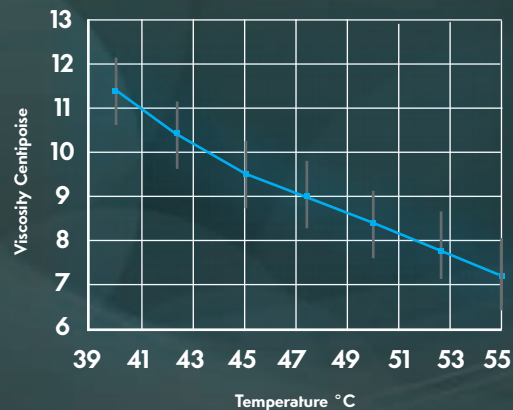
Mobile Phone Cases



Cure

LED (395nm)

Viscosity Temperature Curve



Low Odour

Not all inks are created equal, and not all inks smell the same.

With our low odour, low viscosity ink, LVR-E features nearly no smell.



Nazdar Rigid Board

Nazdar's LOMR LED has been specifically designed for optimum performance on flatbed printers. Utilizing vibrant pigments and advanced formulations, the results are not just eye-catching – they also offer the scratch resistance and rigid substrate adhesion demanded in the outdoor and indoor sign and display markets.



Application

Graphics

Outdoor Signage

Display

Rigid Boards

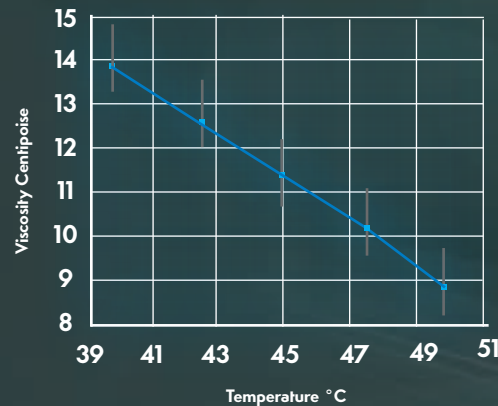
Product Print



Cure

Mercury Lamp
LED (395nm)

Viscosity Temperature Curve



Substrate

From Coated Stock to
Acrylic and More

For flatbed, you need an ink that can achieve adhesion and finishing capabilities on a wide range of substrates, including hard-to-adhere-to items such as acrylic. LOMR LED offers this excellent versatility.

Multi-pass Graphics

Key Features

- Low odour formulation
- Pigments are blue wool 7 – 8
- Curable by UV (Hg) and LED mercury lamps
- High impact, high intensity colours with extended colour gamut
- Excellent resistance to edge chipping on rigid substrates when used with a knife or router cutter

Creative
Review
Week

Textiles

Nazdar's DTG inks have been formulated to print directly on to cotton-rich garments. These water-based pigmented inks offer outstanding colour vibrancy and excellent wash- and light-fastness. Colour vibrance is enhanced with the high-density, high-opacity white, enabling superb contrast once the colours are printed.

Additionally, the ink set is designed to maintain the natural feel of the fabric, which is vital for apparel and garment applications. All colours in DTG's range benefit from the low-odour chemistry



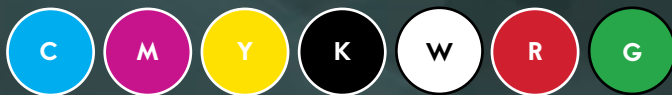
Digital Garment Printing
Sports Apparel



100% Cotton
Cotton Rich Blends



High White Opacity
ensures great image quality and vibrant colours while maintaining a natural fabric.



Standard Colour Range

Textiles

Additional Products: Cleaning Solution

Fabric Pre-treatment

Viscosity Range:

Customised to meet the OEM

requirement: elective 30-95cPs @ 25°C

10-12cPs @ 25°C

NAZDAR
HighVAqua Series



Textiles

Nazdar NTP

Nazdar's NTP inks are pigmented digital textile inks designed for printing directly to rolled fabrics for various applications, such as fashion and décor.

NTP's advanced chemistry formulation offers very low odour results, essential for indoor fabrics and clothing. It also exhibits excellent hand/feel, making it an ideal option for products in this demanding market.

Textiles

Additional Products:

Cleaning Solution

Fabric Pre-treatment

Viscosity Range:

3-5cPs @ 25°C

6-7cPs @ 25°C

11 - 12 cPs @ 25°C



Digital Garment Printing

Sports Apparel



100% Cotton
Cotton Rich Blends



Wash Fastness
Excellent wash fastness from Nazdar dispersion technology. Best results are achieved on cottons coated with a receptive coating.



Standard Colour Range



Commercial Print

Nazdar NCP

Nazdar NCP inks are suitable for an array of applications including books, photographic images, promotional brochures/leaflets, direct-mail, book covers, calendars and artwork.

NCP's advanced dispersion chemistry enables the high-speed and high-volume printing essential in today's commercial print market.

Commercial Print

Additional Products:

Cleaning Solution

Viscosity Range:

10-12cPs @ 25°C



Application

Publishing
Transaction Printing
Direct Mail
Packaging
Photo Publishing



Substrate

Uncoated Paper
Coated Paper
Card Stock
Folding Box Board
Corrugated Liner



Special Features

Nazdar NCP advanced formulation and production techniques enable extremely high-density output while maintaining very high print speed.

NAZDAR
HighVAqua Series



Standard Colour Range



Nazdar DEC

Our team collaborates with OEMs to develop ink sets optimised for flooring substrates and industrial printing platforms. Custom formulations can be tailored for PVC, vinyl, laminate, wood and composite materials. Superior surface performance means inks can be engineered for abrasion resistance, UV stability, and adhesion. These inks have already been designed for existing industrial printheads in the market.

Decor

- Combination Printing
- Durability & Fastness Properties
- Abrasion & Scratch Resistance
- Lightfastness
- Washability
- Chemical Resistance

Viscosity Range:

Dependant on Substrate



Digital Wallpaper Printing

Decorative surfaces

Flooring Applications

Luxury Vinyl Tile

Laminate Flooring

Engineered Wood & Parquet

Resilient Flooring



Coated & Uncoated Paper Digitally Receptive Coverings

PVC

Non-Woven Fabrics

Textiles

Laminates



Wide Colour Gamut

A Wide Colour Gamut is essential in inkjet printed wallpaper to ensure clients can reproduce their patterns and designs. Nazdar DEC utilizes custom pigment dispersion technology to give a wide and consistent colour range every time.

NAZDAR
HighV Aqua Series



Water-Based Packaging

Nazdar NCB

Corrugated cardboard sheet is a lightweight, versatile, eco-friendly substrate that maintains rigidity while offering the flexibility of cutting and creasing. Nazdar NCB Series can digital print directly to the face of corrugated cardboard, making it ideal for branding and promotional printing. NCB inks are also well-suited to print the variable data that is commonly found printed on such boxes.

Water-Based Packaging

Additional Products:

- Flexo Overcoats
- Flexo Inkjet Receptive Coatings UV Inkjet
- Over Clear
- Cleaning Solution

Viscosity Range:

10-12cPs @ 25°C



Application

Packaging

Display

POP

Promotional Items



Substrate

Uncoated Corrugated Boards

Kraft Corrugated Boards

Specialty Corrugated Boards



Special Features

Fast drying time

Wide colour-gamut

Vibrant colours

Low board distortion

High scuff resistance

NAZDAR
HighVAqua Series



Extended Colour Range



Standard Colour Range



Water-Based Packaging

Nazdar NPF

The use of flexible film in food and product packaging has increased exponentially, offering increased brand-awareness while improving shelf-life and cost-efficiency.

Nazdar's NPF inks have been designed to produce high-quality, full-colour graphics on flexible film products, with excellent performance even at industrial output levels.



Application
Product Labelling
Clear Packaging
Food Beverage



Substrate
Flexible Films
PET
BOPP



Special Features
High Speed
Fast drying time
Wide colour-gamut
Vibrant colours
NIR drying



Standard Colour Range



Extended Colour Range

Water-Based Packaging

Additional Products:

Combination Printing
Flexo White
Flexo Overcoats
Flexo Inkjet Receptive Coatings
Cleaning Solution

Viscosity Range:

3-5cPs @ 25°C

6-12cPs @ 25°C



Inkjet Fluid Technology

The inks listed in this guide represent a starting point for the development of a product for the specific needs of an OEM project. You may find that an ink we have available will work perfectly for your application, or we may need to develop a partnership to produce a custom solution.

Nazdar's team is here to support your ink development

As one of the largest OEM ink manufacturers in the world, our years of experience in both analog and inkjet fluid development allow us to build custom fluids that meet the demands of any given market segment.

Achieving high-resolution accuracy with a specially-designed fluid – which also includes all required end-use characteristics – is a significant challenge. Nazdar's print experience and advanced chemistry knowledge allows us to provide these ideal fluid solutions at the right price point. Nazdar's technological capabilities have also extended to utilizing a new viscosity window, adapting a HighV Aqua series to



Satellite Reduction Chemistry

Nazdar fluids have been chemically designed such that each ejected drop has outstanding rheology properties that greatly reduce the risk of heavy satelliting.

SRC helps with drop placement quality, reducing the need for the integration of mist mediation devices within the printer.

Drops have visibly improved in-flight elasticity, with the ligature showing uniformity even at high throw distances.

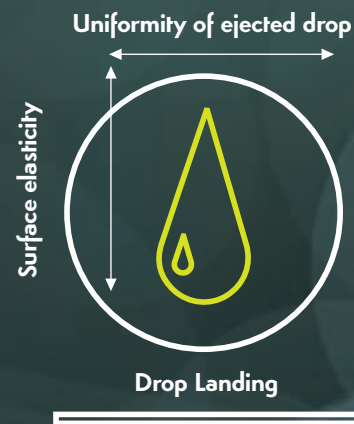
deliver customised range available to Original Equipment Manufacturers.

Inkjet technology is pushing forward

It takes approximately 100 microseconds for a typical fluid droplet to be formed, travel to the substrate, land in the correct place, and start forming the correct image.

By comparison, a NASCAR™ vehicle will travel less than 1cm in the time it takes a fluid droplet to be ejected & land. In today's digital integrations, each head must accurately place up to 15 billion droplets of ink every second in order to form a high-resolution decoration.

Within the machine, an individual nozzle may fire up to a further 8 droplets of ink while the first droplet is still in flight. Therefore, it is paramount that each droplet in flight keeps its uniformity and shape through its short journey.



High Viscosity Aqueous Inkjet Inks

Nazdar's HighV Aqua Series offers unrivalled performance optimisation for a variety of applications:

- Aqua Tex: textiles
- Aqua Code: coding and marking
- Aqua Coro: corrugated board
- Aqua Flex: flexible packaging

Utilizing the HighV Aqua series extended viscosity window, Nazdar delivers customised features to Original Equipment Manufacturers. OEMs can now elect to focus on vibrant, high density colour, higher productivity and print speed, reductions in energy consumption in the drying process, and/or vastly reduced ink usage.

Close cooperation with the Nazdar OEM Ink Team ensures true market advantage over the competition in a growing number of Key market segments.



Textiles



Nazdar's HighV AquaTex is ideally suited to Direct-to-Garment and roll fabric cottons. By utilizing extremely high density white reduced ink levels can be achieved. This delivers a far superior feel while also reducing ink usage, increasing print speed and the potential to reduce the required drying energy.

High density, wide gamut coloured inks complete this set to give exceptional printed results while maintain excellent wash fastness.



Application
Soft Signage
Fashion
Décor



Substrate
100% Cotton
Cotton Rich Blends
White Roll Cotton



Wash Fastness
Excellent wash fastness
achievable through Nazdar
dispersion technology



Standard Colour Range



Extended Colour Range

Textiles

Additional Products:

Cleaning Solution

Conditioning Fluids

Fabric Pre-treatment

Viscosity Range: Customised to meet

the OEM requirement: elective

30-95cPs @ 25°C



Water-Based Packaging



Nazdar's HighV AquaCode use Ultra High Viscosity Technology to deliver extremely high density white and black digital inks for coding and marking. This enables unrivalled print speed and fidelity essential for high productivity. OEMs can incorporate AquaCode inks to increase print speed while also improving the readability of barcodes and QR codes.



Standard Colour Range



Water-Based Packaging

Additional Products:

Cleaning fluids

Viscosity Range: Customized to meet

the OEM requirement:

elective 30-95cPs @ 25°C



Water-Based Packaging



Nazdar's HighV AquaCoro use Ultra High Viscosity Technology to deliver digital inks designed for printing directly to corrugated board, packaging and DTS. HighV AquaCoro has hugely enhanced colour characteristics to provide ultra high colour density. By utilizing a higher viscosity jettable range it is possible to vastly reduce absorbency, lowering ink consumption and benefiting more efficient drying.



Application

- Packaging
- Display
- POP
- Promotional Items



Substrate

- Uncoated Corrugated Boards
- Kraft Corrugated Boards
- Specialty Corrugated Boards



Special Features

- Fast drying time
- Wide colour-gamut
- Vibrant colours
- Low board distortion
- High scuff resistance



Standard Colour Range



Extended Colour Range

Water-Based Packaging

Additional Products:

- Combination Printing Flexo White Flexo
- Overcoats Flexo

Viscosity Range:

Customized to meet the OEM requirement: elective 30-95cPs @ 25°C



Water-Based Packaging



Nazdar's HighV AquaFlex use Ultra High Viscosity Technology to provide inks suitable for a wide range of flexible packaging. With faster jettable application, these high viscosity products can reduce drying time and adhere to a wider variety of surfaces. HighV AquaFlex advanced dispersion ensures image quality and substrate adhesion while maintaining exceptional open time and printhead performance.



Product Labelling
Clear Packaging
Food Beverage



Flexible Films
PET
BOPP



Special Features
High Speed
Fast drying time
Wide colour-gamut
Vibrant colours
NIR drying



Standard Colour Range



Extended Colour Range

Water-Based Packaging

Additional Products:

Combination Printing Flexo White Flexo

Overcoats Flexo Inkjet Receptive

Coatings Cleaning Solution

Viscosity Range: Customized to meet the

OEM requirement: elective 30-95cPs @

25°C



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Manufacture

Deliver

Nazdar

Brand

Customise

Support