

6800 Series UV LED Flexo Ink



NAZDAR
INK TECHNOLOGIES

6800 Series UV LED (Light Emitting Diode) Flexo Ink is specifically formulated for Tag, Label and Packaging applications. These inks have excellent rheology characteristics making them ideal for most printing equipment and product applications. These Dual Cure inks have been specifically formulated for use with 16W/cm² UV LED curing lamps (with an output wavelength of 395nm), or conventional Hg UV lamps.

Substrates:

Pressure sensitive vinyl, top coated and print treated polyester, BOPP films, polyethylene, polystyrene, coated paper & board, PETG, PVC shrink, direct thermal.

Anilox Rolls

Process Printing: 0.8 – 1.5 BCM
Solid & Line Printing: 2.5 – 3.5 BCM

Plates:

6800 Series UV LED Flexo Ink is compatible with most UV Flexo plates currently on the market.

Product Offering:

Process Colors

Standard process colors are formulated to print using an anilox volume of 0.8 -1.5 BCM.

Base Colors

Standard base colors are designed to be high strength, and formulated to print using anilox volume of 2.5 – 3.5 BCM. The colors can be mixed together to achieve an unlimited number of strong vibrant colors.

Expanded Gamut

Expanded gamut inks are also available, please contact Nazdar for a product recommendation.

Packaging:

Product	Americas	EMEA
Opaque White	11 lb, 50 lb	7 kg
Transparent White	8 lb, 40 lb	5 kg, 20 kg
Other Colors	9 lb, 45 lb	5 kg, 20 kg
Overprint Varnish	8 lb, 40 lb	5 kg, 20 kg

Base Printing Colors

6808 Base White (BW8)
6809 Base Black (BW8)
6810 Base Transparent White

Use to reduce strength and viscosity.

6811 Base Yellow (BW5)
6812 Base Orange (BW6)
6813 Base Warm Red (BW5)
6814 Base Rubine Red (BW4)
6815 Base Rhodamine Red (BW4)
6816 Base Purple (BW4)
6817 Base Violet (BW5)
6818 Base Reflex Blue (BW5)
6819 Base Process Blue (BW8)

6820 Base Green (BW8)
6860 Base Transparent White
Use to reduce strength.

Fade Resistant (FR) Colors

6821 FR Yellow (BW7)
6822 FR Orange (BW7)
6823 FR Warm Red (BW7)
6824 FR Rubine Red (BW8)
6825 FR Rhodamine Red (BW8)
6826 FR Purple (BW8)
6827 FR Violet (BW8)
6828 FR Reflex Blue (BW8)

Process Colors

6841 Process Yellow (BW5)
6842 Process Magenta (BW5)
6843 FR Process Cyan (BW8)
6844 FR Process Black (BW8)
6847 FR Process Yellow (BW7)
6848 FR Process Magenta (BW8)

Other Colors

6801 Opaque White
6004827168 LVLO Opaque White
6849 Dense Black

Expanded Gamut

6820 ECG Green (BW8)
6822 ECG Orange (BW5)
6827 ECG Violet (BW8)

Additives

RE392 UV Reducer
CARE41 Silicone Leveling Agent
CARE71 Non Silicone Defoamer
CARE86 UV Photoinitiator *For light colors*
CARE97 UV LED Photoinitiator *For dark colors*

Additives are typically not needed, please only use as directed by Nazdar. For more details please refer to the LED UV Flexo Additive Guide.

Cleaner

NWC10 EZ Cleaner

Note: For a complete description of this ink series printing applications and parameters, please refer to the Technical Data Sheet available online at: www.nazdar.com/narrow-web-inks.





The most important ingredient Nazdar adds to our Narrow Web inks is experience.

Over a 100 Years of Inks & Coatings Innovation Focused on Your Flexographic, Digital and Screen Printing Ink Needs.

Nazdar produces the broadest range of UV and LED, Solvent, and Aqueous, screen printing inks in the market today. Nazdar designs and formulates these inks to provide maximum performance for a variety of defined conditions and substrates. Nazdar Screen Inks range from multi-purpose inks to inks specially designed for stringent industrial applications, and Nazdar's R&D Department continues to design and modify screen inks for the ever changing screen printing market. Some of the markets Nazdar inks are utilized in are:

- Poster
- Point of Purchase (POP)
- Banner
- Durable Graphics
- Metal Decorating
- Nameplate
- Container
- Industrial
- Ad Specialty
- Electronic/PC
- Special Effects

Nazdar Ink Technologies -
World Headquarters
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA
Tel US: 800-767-9942
E-mail: NazdarOrders@Nazdar.com
Technical Support E-mail:
InkAnswers@Nazdar.com

Nazdar – EMEA
Nazdar House, Battersea Road
Heaton Mersey Industrial Estate
Stockport, Cheshire SK4 3EA
United Kingdom
Tel: + 44 (0)-161-442-2111
EMEA Technical Service E-mail:
TechnicalServiceUK@Nazdar.com

Nazdar – Asia Pacific
11, Changi North Street 1 #03-03/04
Singapore 498823
Tel: +65-63854611
E-mail: aspac@nazdar.com