

This Technical Data Sheet outlines the Halogen-Free colors within the standard 4000 UV Screen ink series. Refer to the 4000 Series Technical Data sheet for general processing and handling recommendations for all the 4000 Series inks.

These colors are free of the halogens Chlorine and Bromine based on supplier information and in compliance with the electronics industry standard, IEC 61249-2-21 (<http://www.iec.ch/>).

### PRODUCT OFFERING

#### STANDARD PRINTING COLORS

The Standard Printing Colors have excellent opacity, flow characteristics and are intended to work well from the container.

#### NAZDAR MIXING COLORS

Nazdar Mixing Colors: These inks are press ready, can be used in color matches, or let down with 4026 Mixing Clear.

#### HALFTONE COLORS

Standard Halftone Colors are formulated with hues and densities matched to the requirements of the graphics industry.

Dense Halftone Colors are formulated with increased densities over the Standard Halftone densities and are designed for printers that want to have the latitude to adjust the density levels of their halftone inks.

High Intensity Halftone Black has been developed to function as a dense halftone and line color in a single pass.

#### COLOR CARD MATERIALS

The following is a list of screen printed samples available.

UV Color Card (CARDUV): shows the Standard Printing Colors and Halftone Colors

Halogen-Free Screen Inks Color Presenter (CARDHF): shows the Halogen-Free Nazdar Base Mixing Colors

#### PACKAGING

All items listed below are available in kilogram and gallon containers. Minimum order quantities may apply.

Item Number	Standard Printing Colors	Item Number	Nazdar Mixing Colors
4026	Mixing Clear	40201	HALOGEN-FREE Tinting Black
40205	HALOGEN-FREE Super Opaque Black	40202	HALOGEN-FREE Tinting White
40206	HALOGEN-FREE Super Opaque White	40210	HALOGEN-FREE Yellow
		40211	HALOGEN-FREE Orange
		40212	HALOGEN-FREE Red
		40213	HALOGEN-FREE Carmine
		40214	HALOGEN-FREE Magenta
		40215	HALOGEN-FREE Maroon
		40216	HALOGEN-FREE Violet
		40217	HALOGEN-FREE Blue Red Shade (RS)
		40218	HALOGEN-FREE Blue Green Shade (GS)
		40219	HALOGEN-FREE Green



# 4000 SERIES / HALOGEN FREE UV SCREEN INK

## SUPPLEMENTAL TECHNICAL DATA SHEET

Stock Number	Standard/Dense Halftone Colors MTR (Medium Tack Rheology)	Stock Number	Standard/Dense Halftone Colors MTR (Medium Tack Rheology)
40140	Halftone Extender Base (MTR)	40151	Halftone Cyan Dense (MTR)
40141	Halftone Cyan (MTR)	40152	Halftone Magenta Dense (MTR)
40142	Halftone Magenta (MTR)	40253	HALOGEN-FREE Halftone Yellow Dense
40243	HALOGEN-FREE Halftone Yellow	40154	Halftone Black Dense (MTR)
40144	Halftone Black (MTR)	40156	High Intensity Halftone Black (MTR)

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

Based on information from our raw material suppliers, these products are formulated to contain less than 0.06% lead. If exact heavy metal content is required, independent lab analysis is recommended.

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