

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 |

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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