

The VG Series Vinyl V-Glo Screen Ink is a solvent-based ink that forms a flexible film which bonds to most vinyl surfaces. The VG Series provides a fluorescent ink that is highly resistant to chalking and cracking.

**SUBSTRATES** Pressure sensitive vinyl, styrene, and some plastic surfaces

### USER INFORMATION

*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. See full disclaimer at the end of the document.*

**MESH** 160-230 tpi (63-90 tpcm) monofilament polyester mesh for most applications

**STENCIL** Solvent resistant direct emulsions and capillary films

**SQUEEGEE** 70-80 durometer polyurethane squeegee

**COVERAGE** 1,000- 1,500 square feet (93- 140 square meters) per gallon depending upon ink deposit

**PRINTING** Add only enough ink to the screen to be able to print for 5-10 minutes. Add additional ink in small increments throughout the print run to maintain screen stability. Thoroughly mix the inks prior to printing.

Maintain ink temperatures at 65°-90°F (18°-32°C) for optimum print drying performance. Lower temperatures increase the ink viscosity, impairing both flow and drying. Elevated temperatures lower the ink viscosity, reducing print definition, film thickness and opacity.

Pretest to determine optimum printing performance for a particular set of ink, substrate, screen, press, and drying variables/conditions.

**DRYING** VG Series dries by solvent evaporation and air dries in 20-40 minutes. VG Series can be force dried. Good air circulation is necessary to remove the vaporized solvents. Multiple layers of ink may require longer drying times than a single layer.

**ADDITIVES** All additives should be thoroughly mixed into the ink before each use. Prior to production, test any additive adjustment to the ink.

*Reducer/Thinner:* Use 9050 to reduce the viscosity of these inks. Add up to 15% by weight.

**CLEAN UP** Screen Wash (Prior to Reclaim): Use IMS202 Universal Graphic Screen Wash

Press Wash (On Press): Use IMS301 Premium Graphic Press Wash

**STORAGE** Store tightly covered at temperatures between 65°-90°F (18°-32°C). Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink.

### GENERAL INFORMATION

#### INK HANDLING

All personnel mixing and handling these products must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the VG Series Material Safety Data Sheet for further instructions and warnings.

#### ADHESION TESTING

1. Touch of ink surface – the ink will be smooth and slick.
2. Thumb twist – the ink surface will not mar or smudge.
3. Scratch surface – the ink will resist scratching.

### PRODUCT OFFERING

#### FLUORESCENT COLORS

These colors require special considerations due to their high pigment contents. Mix well prior to printing. Fluorescent colors can fade quickly with exterior exposure to ultraviolet light.

#### PACKAGING

All items listed below are available in gallon containers.

Stock Number	Fluorescent Colors	Stock Number	Fluorescent Colors
VG510	Chartreuse	VG560	Cerise
VG520	Yellow	VG570	Pink
VG530	Orange	VG580	Blue
VG540	Orange-Red	VG590	Green
VG550	Red	VG600	Rose Toner

#### PACKAGING

Additives/Reducers are available in gallon and 5 gallon containers. Cleaners are available in gallon, 5 gallon and 55 gallon containers.

Stock Number	Additives/Reducers	Stock Number	Clean Up
9050	Retarder Thinner	IMS202	Universal Graphic Screen Wash
		IMS301	Premium Graphic Press Wash

*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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