

formulated to have some white pigment or opaque pigment to increase opacity.

Transparent Toners

80 Series Colors: Single Pigment Toners produce clean and vibrant colors. Single Pigment Toners can be used as supplied, in color matches or let down with mixing clear.

Blending Toners

Blending Toners can be used as supplied, in color matches or let down with mixing clear.

Pantone 871c-877c Metallic Simulated Colors

Pantone® 871c to 877c colors have been matched in 3600 Series ink using pearlescent pigments. When printed on a white background, a gold or silver metallic effect is achieved. A 305 tpi (120 tpcm) mesh with a mesh opening of 50 um or more is recommended.

Special Effect Pigments

When inks are to be printed with a special effect color, all ink layers must be evaluated for intercoat adhesion before proceeding with the production run. To maximize intercoat adhesion, specialty colors should be printed as late as possible in the print sequence.

Pigments may settle in the container; prior to printing, thoroughly mix the ink.

The following special effect pigments may be added to 3600 Series. Contact Nazdar for the item number(s) and availability of special effect products. Technical Data Sheets for each of the following special effect pigments can be found at www.nazdar.com.

Recommended Aluminum Pigments:

SIPM571 313 Aluminum Paste (Coarse Aluminum)

SIPM606 Aluminum 6600 (Medium Aluminum)

SIPM573 2871 Aluminum Pigment (Fine Aluminum)

Using the above recommended aluminums with 3626 Mixing Clear, will result in a minimum of 6 month shelf life. Using any other aluminum

pigments may cause the mixed ink to have shorter shelf life and may affect exterior durability

Aluminum Pigment Load: The maximum recommended aluminum load is 15% in 3626 mixing clear. Mixing aluminum with colors will lower the allowable concentration of metallic in a formulation. The allowable concentration will depend on ink deposit and curing parameters. Care should be taken to ensure proper cure and adhesion.

Exceeding these recommendations may lead to degradation of the ink's overall performance, including flexibility, adhesion, intercoat adhesion and exterior durability.

Gold and Bronze Powders: Gold and bronze powders are not recommended due to poor exterior durability. To achieve gold and bronze colors use pearlescent and aluminum pigments.

Pearlescent: Using Automotive Grade Pearlescent Pigments add up to 20% by weight.

SIP1519 9307 SW Gold Auto Grade
SIP1520 9520 SW Bronze Auto Grade
SIP1536 Card Silver BN001

Pantone® 871c to 877c (67330136 Gold through 67330736 Silver) has been matched in 3600 Series Ink using Automotive Grade Pearlescent Pigments. To achieve extended durability overprint these special colors with 3627 Overprint Clear, formulas are available through contacting technical service.

Interference: Using Interference Pigments add up to 20% by weight (Refer to Special Effects Color Card). Note: Interference Pigments may shift in shade and color with outdoor exposure.

Multi-Chromatic: Using Multi-Chromatic Pigments add up to 10% by weight (Refer to Special Effects Color Card). Note: Multi-Chromatic Pigments may shift in shade and color with outdoor exposure.

Color Card Materials

The following is a list of screen printed samples available.

UV Color Card: shows the Standard Printing Colors, Pantone Matching System® Base Colors, Halftone Colors

v 11 EN
Ref: v 10 EN

UV Screen Ink

3600 Series UV Decal Screen Ink

60/360 Color Card: shows the 60 Series Pantone Matching System® Base Colors

Specialty Effects Color Card: shows Metallic and Pearlescent mixed with clear

Non-Metallic Pantone® Simulations sheet: shows representations of the 871c to 877c Pantone® metallic matches using pearlescent pigments.

v 11 EN
Ref: v 10 EN

Packaging / Availability

Contact your Nazdar distributor for product availability and offering.

Standard Ink Items

Standard ink items listed below are inventoried in gallon containers.

Stock Number	Standard Printing Colors	Estimated Durability Without Clear Coating (Years) *Chalks	Estimated Durability With 3627 Clear Coating (Years)
3610	Primrose Yellow	2	3
3611	Lemon Yellow	4	5
3612	Medium Yellow	4	5
3619	Fire Red	4	5
3621	Peacock Blue	4	5
3652	Super Opaque Black	4	5
3675	Super Opaque White	4*	5
3678	High Intensity White	4*	5
3679	High Intensity Black	4	5
3698	Bright White	4*	5
3627	Overprint Clear	5	N/A

Stock Number	Pantone® Matching System Base Colors	Estimated Durability Without Clear Coating (Years) * Chalks	Estimated Durability With 3627 Clear Coating (Years)
3626	Mixing Clear	4	N/A
3658	Tinting White	4*	5
3659	Tinting Black	4	5
3661	Yellow	4	5
3662	Warm Red	4	5
3663	Rubine Red	4	5
3664	Rhodamine Red	4	5
3665	Purple	4	5
3666	Violet	4	5
3667	Reflex Blue	4	5
3668	Process Blue	4	5
3669	Green	4	5

Stock Number	+ Blending Toners	Estimated Durability Without Clear Coating (Years)	Estimated Durability With 3627 Clear Coating (Years)
3680	Yellow Toner	4	5

UV Clear Ink

3600 Series UV Decal Screen Ink

3681	Orange Toner	4	5	EN
3682	Carmine Toner	3	5	Ref: v 10 EN
3683	Magenta Toner	4	5	
3684	Maroon Toner	4	5	
3685	Green Toner	4	5	
3686	Blue Toner (GS)	4	5	
3687	Blue Toner (RS)	4	5	
3688	Violet Toner	4	5	
3689	Red Toner	4	5	

Stock Number	Halftone Colors	Estimated Durability Without Clear Coating (Years)	Estimated Durability With 3627 Clear Coating (Years)
36HTEX	Halftone Extender Base	4	NA
36HTC	Halftone Cyan	4	5
36HTM	Halftone Magenta	4	5
36HTY	Halftone Yellow	4	5
36HTBK	Halftone Black	4	5

Stock Number	Special Order Halftone Colors	Estimated Durability Without Clear Coating (Years)	Estimated Durability With 3627 Clear Coating (Years)
36140	HT Extender Base G7 (MTR)	4	NA
36151	HT Cyan Dense G7 (MTR)	4	5
36152	HT Magenta Dense G7 (MTR)	4	5
36153	HT Yellow Dense G7 (MTR)	4	5
36154	HT Black Dense G7 (MTR)	4	5

Additives / Reducers

Additives/Reducers listed below are inventoried and available in quart/liter and gallon containers.

Item Number	Item Description
RE306	UV Reducer
RE308	UV Reducer [Flexibilizer]
CARE59	UV Satin Paste
NB80	UV Adhesion Promoter

Cleaners / Clean Up

Item Number	Item Description
IMS201	Premium Graphic Screen Wash
IMS203	Economy Graphic Screen Wash
IMS206	Graphic Auto Screen Wash
IMS301	Premium Graphic Press Wash

Nazdar Quality Statement

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®.

Nazdar Ink Technologies Offices

Nazdar Ink Technologies Offices

Nazdar Ink Technologies -World Headquarters

8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA

Toll Free US: 866.340.3579

Tel: +1 913-422-1888

Fax: +1 913-422-2296

E-mail: custserv@nazdar.com

Technical Support E-mail: InkAnswers@Nazdar.com

Nazdar Limited – England

Battersea Road, Heaton Mersey
Stockport, England SK4 3EE

Tel: + 44 (0) 161-442-2111

Fax: + 44 (0) 161-442-2001

EMEA Technical Service E-mail:

technicalservicesuk@nazdar.com

UV Screen Ink

3600 Series UV Decal Screen Ink

Nazdar – China
Room 17-04, Silver Centre
1388, North Shan Xi Road
Shanghai 200060 China
Tel: 86-13818301261
China E-Mail aspac@nazdar.com

Nazdar – Singapore
10, Changi South Street 3 #01-01
Singapore 486147
Tel: +65-65434920
Fax: +65-65433690
Asia E-mail: aspac@nazdar.com

v 11 EN

Ref: v 10 EN

UV Screen Ink