

Gloss UG Line and Trichromatic Screen Inks

PART OF THE UVISPEED SERIES

Gloss UG is part of the Uvispeed Series of 100% UV screen inks. Gloss UG has been developed to produce prints on corrugated boards typically used for packaging and POP displays. It can also be used on most paper and display boards. This high gloss range offers excellent finishing properties such as cutting, die-cutting, creasing and folding.

General Recommendations

Gloss UG inks should be stirred well before each use. Full adhesion properties may not develop until 24 hours and compatibility of combined systems must be evaluated under production conditions.

Colour range:

UG001	Black
UG021	White
UG064	Seritone Yellow (GS)
UG066	Seritone Yellow (RS)
UG114	Seritone Orange
UG121	Seritone Red (YS) Vermilion
UG164	Seritone Red BS
UG165	Seritone Magenta
UG127	Seritone Violet
UG230	Seritone Blue
UG325	Seritone Green
UG381	Extender Base
UG004	Trichromatic Black
UG052	Trichromatic Yellow
UG135	Trichromatic Magenta
UG215	Trichromatic Cyan
UG396	Trichromatic Extender Base

Gloss UG trichromatics are matched to the ISO Standard for Screen Inks.

Available in 10kg units.

Thinners and Reducers

ZE802	Thinners
ZE808	Gel Additive
ZE816	Matting Base

Available in 5 and 1 litre containers.

Storage

Containers should be tightly closed after use. Gloss UG inks and reducers should not be stored near heat sources and should be kept away from peroxides. For maximum shelf-life, storage should be between 10°C and 25°C. Stored in such conditions the inks have a shelf-life of approximately 12 months from the date of manufacture.

Special Matches

Colours can be supplied against prints, wet ink samples as well as PANTONE®, British Standard, 'HKS', 'Munsell', 'RAL' or 'NCS' references. A sample of the substrate and the number and type of mesh to be used should be attached to orders. Other properties required of special matches may be very important and full details should be supplied of the process to be followed. Your local Sericol representative will be pleased to advise on non-standard colours.

Minimum quantity 5kgs.

Main Characteristics

Finish

High Gloss

Mesh

150.34 PW – coarser meshes will increase cure requirements.

Thinning

ZE802

Stencil

Solvent resistant

Contact exposure: Dirasol 916, 902 or Super Coat
Projection Exposure: Dirasol S5 or SuperPro
A 1 + 2 coating technique is recommended.

Coverage

80-90m² litre (75-85m² kg) through 150.34

Curing

20-25m/min 2 x 80w/cm

Gloss UG is not recommended for low energy curing systems such as Flash.

Wash Up

Xtend Screen Wash and Screen Cleaners.
See Xtend Screen Cleaners Product Information Sheet.

Outdoor use

Gloss UG is not recommended for outdoor use.

Co Use

Gloss UG can be mixed together with Satin UH or Matt UM to give a range of intermediate finishes and control gloss. It can be used to over/under print fully cured prints of Matt UM, Satin UH, Colorstar CS, Coolstar OT.

Safety and Handling

Gloss UG inks:

- Should be stored away from heat.
- Are formulated to comply with the EN71-3:1995 Toy Safety Standard

Comprehensive information on the safety and handling of Gloss UG Screen Inks and reducers is given in the appropriate Sericol Safety Data Sheets, available on request.

Environmental

Gloss UG:

- Does not contain ozone depleting chemicals as described in the Montreal Convention.
- Is formulated free from aromatic hydrocarbons which are known to have an adverse effect on the environment.
- Is free of any volatile solvent and is therefore beneficial to the environment when compared to solvent-based products.

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

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