



UNI GLOSS INK (UNG)

Main Characteristics

Finish

Gloss

Ink Type

Two Pack – Solvent Based

Drying

- Air dry : 1–2 hours
- Oven Stoving : 80 °C 20–30 minutes
- Oven Stoving : 120 °C 10–15 minutes
- Oven Stoving : 150 °C 5–8 minutes
- UNG prints will reach optimum adhesion and chemical resistance after drying at room temperature for 4 days.

Catalyst

- UNG ink : UNG073 = 5 : 1 by weight (use within 6 hours)
- UNG090, UNG091 : UNG073 = 3 : 1 by weight (use within 6 hours)

Thinning

- 5–10 % Thinner 13019
- 5–10 % Retarder 13018

Cleaning

- Cleaner 2940
- For heavy ink stains, Screensolve (SSO038) can be used.

Mesh

- P90–48 to P120–34 Monofilament
- N90–44 to N120–35 Monofilament

Stencil Type

- All solvent resistant direct Emulsion photo-stencils

Recommended

- U017 Diazol Plus Ultra
- FG226 Polyzol Plus S

Coverage & Mesh No.

- 20–26 m²/Kg (Polyester Mesh No. P110–34)

Application

Metal, Glass, Ceramic, Treated Polyethylene (PE) and Polypropylene (PP)

Important

- Stir well before use.
- It is advisable that the ink be tested fully prior to printing.

Colours Range

12 Colours : 10 Standard and 2 CMS colours

Features

- Suitable for metal (including aluminium, copper, brass, tin coated metal and iron), glass and ceramic.
- Also suitable for treated Polyethylene (PE) and Polypropylene (PP).
- Smooth surface and excellent rub resistance.
- Good resistance to chemicals such as acids, alkalis, solvent, lubricants, cosmetics, detergents and household product.
- All colours are Non-Toxic.

Available Colours**Standard Colours**

UNG100	Black	UNG521	Red Crimson	UNG626	Monastral Blue	UNG073	Catalyst
UNG200	White	UNG623	Mid Blue	UNG640	Deep Blue	UNG090	Clear
UNG400	Light Orange	UNG624	Royal Blue	UNG721	Bright Green	UNG091	Clear
UNG520	Scarlet						

CMS Based Colours

UNG320	CMS Yellow GS	UNG340	CMS Yellow RS
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Standard Packing

25 Kg, 5 Kg and 1 Kg containers.

Safety and Handling

- All colours comply with the following standards : EN71-3, Standard of The European Economic Community and Part1303, Title16, Code of Federal Regulation of U.S.A.
- Whilst working with the ink, the consumption of food and drink, and smoking are not recommended.
- UNG ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on *the Safety and Handling of UNG ink* in Chaiyaboon Material Safety Data Sheet, available on request.

Storage

- UNG ink should be stored in a sealed container between 5-25 °C.
- Store in a well ventilated place.

UNG 3-1103

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 because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and or 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.