



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 after mixing)
- UNG090, UNG091 : UNG073 = 3 : 1 by weight (use within 6 hours after mixing)

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

16 Colours : 10 Standard and 6 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.

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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	Yellow GS	UNG500	Red YS	UNG560	Magenta	UNG590	Violet
UNG340	Yellow RS	UNG550	Red BS				

Standard Packing

25 Kg, 5 Kg and 1 Kg container.

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 Safety Data Sheet, available on request.

Storage

- Storage temperature should not be over 40 °C. It should be stored in a dry location with good ventilation and away from heat or ignition sources.
- When stored under these conditions, UNG Ink is expected to have a shelf-life of 24 months from the date of manufacture.
- When stored under these conditions, UNG073 is expected to have ashelf-life of 18 months from the date of manufacture.
- Close the bottle tightly after every use.

Certified Standards

- UNG ink is made by Kulwong Co., Ltd. with ISO 9001/ISO 14001/BS OHSAS 18001 & TIS 18001 Certified by TUV NORD (Thailand) Ltd.

UNG 3-2101