



METAL INK (MET)

Main Characteristics

Finish

Gloss

Ink Type

One Pack / Solvent-Based

Drying

- Oven stoving : 150-160 °C 10-15 minutes
- Air dry : 7-10 minutes
- It is recommended that when printing metal, the ink be dried at an elevated temperature.
- MET will be fully cured after 12 hours.

Thinning

- 5-10 % Fast Thinner 2938

Cleaning

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

Mesh

- P90-48 to P140-34 Monofilament

Stencil Type

- All solvent-resistant direct Emulsion photo-stencils

Recommended

- U016 Diazol Plus Ultra
- FG226 Polyzol Plus S

Coverage & Mesh No.

- 40-50 m²/Kg (Polyester Mesh No. P120-34)

Application

- Metals, Iron, Aluminium, Coated Metals, Paper, Aluminium Foil

Important

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

Colours Range

16 Colours : 3 Standard, 9 CMS and 4 Trichromatic colours

Features

- Printing onto Metals, Iron, Aluminium, Coated Metals, Paper and Aluminium Foil.
- Excellent adhesion to metal.
- High gloss print with excellent impact resistance.
- Quick drying.
- MET is a one pack ink system.

Available Colours

Standard Colours

MET100 Black

MET200 White

MET551 Red Coke

MET090 Clear

CMS Base Colours

MET327 Yellow GS

MET507 Red YS

MET560 Magenta

MET600 Blue

MET347 Yellow RS

MET550 Red BS

MET590 Violet

MET700 Green

MET407 Orange

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Trichromatic Colours

MET110 Trichromatic Black

MET310 Trichromatic Yellow

MET510 Trichromatic Magenta

MET610 Trichromatic Cyan

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.
- MET ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the Safety and Handling of MET 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, It is expected to have a shelf-life of 24 months from the date of manufacture.
- Close the bottle tightly after every use.

Certified Standards

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

MET 3-2101