



METAL INK (MET)

Main Characteristics

Finish

Gloss

Ink Type

One Pack - Solvent Based

Drying

- Oven stoving : 150-160 °C 10-15 minutes
- MET will be fully cured after 12 hours.

Thinning

- 5-10 % Retarder 2971

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 exhesion 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 CMS Yellow GS

MET507 CMS Red YS

MET560 CMS Magenta

MET600 CMS Blue

MET347 CMS Yellow RS

MET550 CMS Red

MET590 CMS Violet

MET700 CMS Green

MET407 CMS Orange

Trichromatic Colours

MET110 Trichromatic Black

MET310 Trichromatic Yellow

MET510 Trichromatic Magenta

MET610 Trichromatic Cyan

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.
- 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 Chaiyaboon Material Safety Data Sheet, available on request.

Storage

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



MET 3-1101

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.