

TEMA Series Ink

The TEMA Series Inks are neither pigment nor dyestuff, but a textile coloring system through a new generation of textile Nano colorants (TEMA Color). These high-density pigment Direct-to-Garment (DTG) inks are formulated specifically for the M&R Maverick DTG printer. The TEMA Series inks are perfect for producing high quality, digitally printed garments for sampling or production purposes.

Primary Features & Substrates

Features

- Eco-friendly
- Bright, vibrant, and clean colors
- Superior fastness properties
- Excellent elasticity
- Natural feel
- Reliable printer performance

Substrates

- 100% cotton material
- Natural fiber material
- Select cotton/poly blends
- Select tri-blends

Storage

The TEMA Series inks should be stored in a clean, dry area, cool place at a temperature of 41° F - 86° F (5° C -30° C).

If the inks are frozen, DO NOT USE.

Shelf Life

The TEMA Series inks have a shelf-life of 12 months from the date of manufacture. To ensure the ink gives optimal performance throughout its shelf-life it is imperative that the ink bottles are periodically agitated/shaken vigorously.

Agitate/shake the white ink bottles in stock for a few minutes every week until the ink is fully mixed with no visible sediment showing on the base of the bottle.

Shipping

The TEMA Series inks should be at a temperature above 41° F (5° C).

Printers

M&R Maverick DTG Printer

Manufacturer's Product Offering

TEMA Series color and white ink is available in 5 kilogram containers.

Item Number	Color
TEMA-1000-5K	White Ink
TEMA-2000-5K	Cyan Ink
TEMA-3000-5K	Magenta Ink
TEMA-4000-5K	Yellow Ink
TEMA-5000-5K	Black Ink
TEMA-6000-5K	Red Ink
TEMA-7000-5K	Green Ink

* For use with frost series pretreat

Find more information and where to buy at: **www.mrprint.com**

TEMA Series Operation Parameters:

It is recommended that the Maverick printer is ran at a temperature 20 - 25 °C (68 - 77 °F).
It is recommended that the Maverick printer is ran at a humidity of 50% - 70% (non-condensing).

TEMA Series White Handling General Information and Instructions:

The M&R TEMA Series white ink requires periodic agitation to ensure the white pigment is fully dispersed into suspension.

Agitation: The more frequent a product is agitated over time the less energy it will require for final agitation energy.

REQUIREMENT: Mechanically Agitate/shake the White ink for 5 -6 minutes prior to installing in the printer. If the white ink has been stored for an extended period without being agitated and the layer of settled pigment on the bottom of the bottle is $\approx 0.5\text{cm}$ or above, agitate the ink for a minimum of 10 minutes using automated agitation/shaking equipment, until there is no sediment on the bottom of the container. Client must leave the White Ink to settle after shaking for a minimum of 8 hours prior to installing into the equipment.

The TEMA Series CMYK colors do not require mechanical agitation. A 1–2-minute manual shaking is sufficient for pigment dispersion.

Example of Agitation Equipment:

<https://www.miraclepaint.com/industrial/five-gallon-mixers/miracle-paint/m5-exp>

Order Code: **M&R_M5**

*10% discount



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