

# 明輝化工實業有限公司

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## M Series Inks

### Characteristics

1. Excellent printing workability which is suitable for fine printing.
2. High surface hardness and high anti-abrasion.
3. M series, belonging to half glossy screen inks, has even glossy and delicate colors.
4. Excellent color stability after long-term storage.

### Applications

Polyester and polycarbonate substrates

### Usage

Dilute M series screen inks with slow drying or fast drying solvent at 10-20 % prior to printing.

### General properties

M series white screen ink was printed through 300 thread/ in<sup>2</sup> mesh on PET transparent materials prior to measurement.

Test items	Test methods	Results
Adhesion	Cross-hatch tape test	100/100
Hardness	Pencil hardness test (Liberty 4H pencil)	N.P.
Weather resistance	Sunshine Weather-O-Meter for 700 hours	N.P.
Alcohol resistance	50 rubs with 99.5 % ethanol	N.P.
Alkaline resistance	Immersion in 5 % NaOH <sub>(aq)</sub> for 48 hours	N.P.
Acid resistance	Immersion in 5 % H <sub>2</sub> SO <sub>4(aq)</sub> for 48 hours	N.P.
Abrasion resistance	500 double rubs with eraser with 500 g load	N.P.

### Expiration date

One year after shipment or six months after opening.

### Color and packing

Standard 18 colors, transparent 2 colors, fluorescent 6 colors, gold 8 colors, silver 11 colors, pearl 2 colors are available. 1-5 kg/bottle.