



TECHNICAL DATA SHEET G504 Mixing Base

General information: G504 mixing base is free of phthalate, heavy metals, formaldehyde and APEO, an oil-based clear paste that formulated to be colored with conc. Organic pigments to achieve low opacity ink that suitable for printing onto light backgrounds with smooth hand feeling, also 504 mixing base can be added to the high opacity inks as G200, the addition percentage can reach 100%, that is will increase the ink quantity and decrease the cost and opacity.

Commercial trademark: GREEN INK SEIRES



Printing parameters:

Squeegee medium to hard "65-90D".

Mesh-count: (43"-100")

Photo emulsion: solvent resists.

Viscosity: ink viscosity can be reduced by one of the ecology ink-reducers as 25, 40 and 70 with a percentage in between 1-5%, avoid non-trusted solvents to keep the ink quality and ecology, viscosity can be increased using nano-silica dry form.

Cleaning: use the recommended ink-cleaner to clean the screen and tools please don't use non-trusted solvent to keep the ink away from hazard and forbidden substances.

Curing & fixation: dry the ink at 80C° for 2-3sec. using flash cure unit, fix the printed film using hot-air convert belt dryer, at 149 C° for 2-3 minutes, the the drying and fixing time can be changed according to the deposit ink layer.

Storage: avoid freezing and high temperature.

Packages: 1kg-5kG-25kG

Note: please mix well before use and test all parameters before production.

CONTACTS: info@spi.com.eg - www.spi.com.eg- +2 0122 5588343

Factory: 101-1st Industrial zone – Badr city, Egypt

Office: (86)-3A EL faroukya Towers – El Nozha, EGYPT

Prepared by
SPI scientific team

Reviewed by

Dr. Abd El-moniem Mahmoud

