



# TECHNICAL DATA SHEET

## A551 Mixing BASE

**General information:** A551 Mixing Base is an eco-friendly water-based ink, free from phthalates, heavy metals, formaldehyde, and phenols, and of course, it is biodegradable, especially against gram-negative bacteria.

It's a water based partially-white ink, formulated to be colored with pigments to create light shade colors as light blue, light yellow, light grey and etc.. It does not suites dark shade colors as it may need a lot of pigments which is not recommended, aqua inks suitable for both natural and synthetic fibers.

It is also suitable for printing with both manual and automatic machines, as the inks resist screen blocking, making it possible to print with screens as fine as mesh 100.



**Commercial trademark: ACQUA INK SEIRES**

## Printing parameters:

Squeegee medium to hard “65-90D”.

Mesh-count: (43"-100")

## Photo emulsion: water resists.

## Clean up: Water

**Curing & fixation:** dry the ink at  $80^{\circ}\text{C}$  for 2-3sec. using flash cure unit, fix the printed film using hot-air convert belt dryer, at  $160^{\circ}\text{C}$  for 2-3 minutes, the drying and fixing time can be changed according to the deposit ink layer.

**Storage:** avoid freezing and high temperature.

**Packages:** 1kg-5kG-20kg

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

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