

## AQUASOL AQUAPLAS CYAN/MAGENTA/YELLOW/BLACK CMYK

Water-based Extremely Elastic Binder Paste for CMYK Photoprint on Machine

Type	Chemical Composition	Supplied Form	Ionicity	pH
Aquaplas Cyan	Binder concentrate + Cyan pigment	High viscosity paste	Anionic	>7
Aquaplas Magenta	Binder concentrate + Magenta pigment	High viscosity paste	Anionic	>7
Aquaplas Yellow	Binder concentrate + Yellow pigment	High viscosity paste	Anionic	>7
Aquaplas Black	Binder concentrate + Black pigment	High viscosity paste	Anionic	>7

### Properties

Aquasol Aquaplas CMYK are formulated to be suitable for silkscreen machine printing with screen mesh sizes of up to 200 for cotton and polyester-based type of fabric. In cases where there are very high demands on wash fastness, Aquasol Cross Fixer can be added. Prints with Aquasol Aquaplas CMYK are soft, smooth, extremely fine, matt (low gloss) and highly elastic by design. Aquasol Aquaplas CMYK pastes are environmental friendly and are free from conventional toxins including formaldehyde, azo, APEO, polyvinyl chloride (P.V.C.) and phthalates. A copy of our warranty letter is available upon request

**Aquasol Aquaplas Cyan** - Semi transparent and extremely elastic. Provides cyan tone in CMYK print.

**Aquasol Aquaplas Magenta** – Semi transparent and extremely elastic. Provides magenta tone in CMYK print.

**Aquasol Aquaplas Yellow** – Semi transparent and extremely elastic. Provides yellow tone in CMYK print.

**Aquasol Aquaplas Black** – Semi transparent and extremely elastic. Provides black tone in CMYK print.

### Application Procedure

Aquasol Aquaplas CMYK inks can be used as supplied without further dilution. Aquasol Aquaplas CMYK are thixotropic and can become more viscous when left standing for prolonged periods of time. However, the viscosity will reduce with stirring or agitation during the usual process of printing. Aquasol Aquaplas CMYK are suitable for silkscreen prints with screen mesh sizes of up to 200. It is possible to use Aquasol Aquaplas CMYK for wet-on-wet machine silkscreen prints. However, it is advisable to flash cure Aquasol Aquaplas White for base prints on dark fabric before printing Aquasol Aquaplas CMYK wet-on-wet. It is imperative to cure the prints for ~2 min. at 140-160°C to achieve complete curing. Complete curing will be indicated by good wash fastness.

**acqueens**

**Storage**

**ACQUEENS SDN BHD** (937459-P) **GST Reg. No.: 001643216896**

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Do not exceed twelve months from date of manufacture. Protect from frost ( $>5^{\circ}\text{C}$ ). Keep lids tightly closed at all times after use.