

FLEXO/GRAVURE PRINTING INKS WATER BASED

Water based inks and varnishes are intended for use in flexo/gravure printing on all grades of paper and cardboard. Considering their composition and application they are made in two series:

- AQUANOL SPECIAL - series 89
- AQUAFLEX - series 86

Aquanol special – series 89 are water based printing inks and varnishes containing in addition to water also ethanol and isopropyl alcohol in minor quantities. Due to alcohol content they are distinguished by good drying properties and high gloss.

Aquaflex – series 86 are 100% water based printing inks and varnishes. They can be diluted only with water.



AQUANOL SPECIAL - series 89

are water based printing inks and varnishes containing in addition to water also ethanol and isopropyl alcohol in minor quantities. Due to alcohol content they are distinguished by good drying properties. They can be diluted by water or ethanol. When the printing process is finish but before the inks in the machine dries, ink units and rollers are to be washed with water. If the ink dries it can be removed by alcohol or Aquanol cleaner.

| PRINTING PROPERTIES | PRINTING SURFACES | AQUANOL SPECIAL - series 89 |
|---|-------------------------|---|
| gloss | all types of paper | different-purpose white inks |
| good drying properties | all types of cardboards | basic inks corresponding to Pantone matching system |
| good abrasion and scratch resistance | | special shades (custom made) |
| good resistance of imprint to water (moist) | | set inks |
| good tack to printing surface | | varnishes |
| good printability | | concentrates |

AQUAFLEX- series 86

are 100% water based printing inks and varnishes. They are highly pigmented and can be diluted only with water. When the printing process is finish but before the inks in the machine dries, ink units and rollers are to be washed with water. If the ink dries it can be removed by alcohol or Aquanol cleaner

| PRINTING PROPERTIES | PRINTING SURFACES | AQUAFLEX- series 86 |
|---|-------------------------|---|
| gloss | all types of paper | different-purpose white inks |
| good colour strength | all types of cardboards | basic inks corresponding to Pantone matching system |
| good abrasion and scratch resistance | | special shades (custom made) |
| good resistance of imprint to water (moist) | | set inks |
| good tack to printing surface | | varnishes |
| good printability | | concentrates |

AQUA CONCENTRATES are water based concentrated pigmented preparations intended:

- for mixing Aquanol special and Aquaflex inks in mixing units (Aqua concentrate + suitable binder/varnish)
- as additive to ready to use Aquanol special and Aquaflex inks to increase their colour strength

ADDITIVES

- Antifoaming agent PP - prevents foaming (only for Aquanol special inks and varnishes)
- Antifoaming agent 86 - prevents foaming (only for Aquaflex inks and varnishes)
- Additive W – improves slippery property and abrasion resistance
- Aquanol cleaner – dried ink cleaner

