

Coldset HQ

The **Coldset HQ** series range with its three viscosity levels is optimum adapted to the diverse requirements of overshot and undershot inking systems. The long flow version is made for overshot, the medium- and shortflow versions are suitable for undershot ink knives.

The three viscosity levels are:

- **Coldset HQ OS**
For presses with overshot system
- **Coldset HQ US/M**
For presses with undershot system (medium flow)
- **Coldset HQ US/S**
For presses with undershot system (short flow)

The use of pigments ideally coordinated with respect to colour shade and intensity enables us to satisfy the specifications of ISO 2846-2 and/or 12647-3, and also guarantees a low spread of tonal value increase between the four process colours and a neutral grey balance without dot loss in the production run.

Shrinkage and swelling of the latest types of elastomer used for rollers and blankets are kept to a minimum by taking great care when selecting suitable raw materials. If you would like to take up our offer, we would be only too pleased to provide ink samples that can be used to ascertain the behaviour of rollers with our inks in accordance with DIN ISO 1817.

Special Properties

- Excellent printability and converting
- High degree of brilliance in conjunction with optimum colour strengths and an outstanding ink/water balance with minimal misting and/or spray
- Very good print results with maximum productivity
- Optimum rheological formulations for all ink duct systems
- Minimal start-up waste thanks to fast runoff
- Optimum ink transfer in the inking unit
- Minimal piling on the blanket and impression cylinder
- Stable emulsification at very high speeds
- Very good setting characteristics on the substrate
- Halftone and type reproduction with perfect edge definition
- Good printing of solids with consistently high print contrast
- Very low level of invisible set-off and consequently perfect results in postprint finishing
- Minimal strike-through and show-through depending on the grade of the paper

| | | Light | Transp. | Sprit | Nitro | Alkali |
|------------|---------|-------|---------|-------|-------|--------|
| Coldset HQ | Yellow | 5 | + | + | + | + |
| Coldset HQ | Magenta | 5 | + | + | + | - |
| Coldset HQ | Black | 8 | + | + | + | + |
| Coldset HQ | Cyan | 8 | - | + | + | + |

+ Properties given, - Properties not given

Remarks:

The Coldset XP is available in:

- 25 kg buckets
- 200 kg drums

This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.