

# ROTOLOX

## The special process inks for Anilox newspaper printing

Demands on the visual appearance and quality of daily newspapers are increasing constantly. At the same time, the high printing speeds of modern rotary newspaper presses and continually new developments in the technology of inking and fount systems require printing inks of the highest possible stability and constant consistency. This is particularly true for the anilox offset printing process that has become an integral part of newspaper printing technology in recent years. Due to its much smaller number of splitting points, this printing process requires completely different ink properties compared with conventional web offset newspaper inks. Only ink systems specifically formulated to suit the anilox offset process will always ensure optimum print results, even under the most critical production conditions.

The new generation of ROTOLOX anilox web offset inks combines superb printability of the inks with excellent quality of the printed product thanks to our "HIGHLY IMPROVED TECHNOLOGY" standard we are now applying.

### ROTOLOX

<b>Yellow</b>	<b>31 CA 1800</b>
<b>Magenta</b>	<b>32 CA 1800</b>
<b>Cyan</b>	<b>33 CA 1800</b>
<b>Black</b>	<b>39 CA 1800</b>

With "HIT" technology, all of the raw material components required for ink manufacture are matched perfectly to the different processing parameters in the production process. Consequently, the vehicles used are formulated to ensure finest dispersion and best possible pigment wetting as well as optimum printing characteristics.

The **huber**group's proven web offset newspaper inks stand out thanks to their stable printing characteristics under differing conditions and requirements and with different paper grades. Printability is exceptional on all types of press and at all speeds as well as with all inking and fount systems.

These ink series guarantee dot-sharp halftone reproduction and uninterrupted printing of solids on all common grades of newsprint and offer ideal conditions for further processing.

Thanks to the use of carefully selected raw materials in the formulation, shrinking and swelling of modern roller and printing blanket elastomers has been eliminated. If you are interested, we would be only too pleased to provide ink samples so that you can carry out tests in accordance with DIN 53 521 to determine the effects on the rollers.

### Special properties

- Stable emulsification characteristics (optimum printing conditions with constant ink/water balance).
- High colour intensity.
- Good printing of solids with consistently high print contrast.
- Minimal dot enlargement and halftone and type reproduction with perfect edge definition.

- High level of smudge resistance (little rub-off) thanks to total envelopment of the pigment particles by the vehicle.
- Very low level of set-off and consequently perfect results in postpress processing (e.g. on the reel or compensating stacker).
- Minimal strike- and show-through with suitable paper grades.
- High level of fount solution stability.
- Good flow properties in the blade chamber.
- Optimum ink splitting and ink distribution in the short (anilox) inking unit.
- Constant ink density during the production run and even on long runs.

### **Field of application**

For web offset newspaper presses that use short inking unit technology – anilox coldset process.

### **Classification**

Code per German law on hazardous substances (GefStoffV): None

Safety Data Sheet available on request.

### **How supplied**

10-kg drums

25-kg drums

200-kg barrel

Returnable containers

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Contact addresses for advice and further information: [www.hubergroup.de](http://www.hubergroup.de)

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