

HYDROSET 8500

Type

Tunnel drying, water-based paper ink.

Application

On practically all current types of paper and cardboard. The best results will be achieved on coated qualities.

Qualities

General

Excellent screen stability. Very low odour. Excellent self resolving power. Good abrasion resistance.

Drying

Air drying : 10 - 15 minutes.

Tunnel drying: 10 - 20 seconds at 40-50° C, dependent on type of mesh and degree of absorption of the substrate. By multi-colour prints (ink on ink) the second and the following colours need more drying time or a higher temperature than the first colour.

Gloss

Satin finish.

Hiding power

Strongly dependent on the colour to be used, type of gauze and the degree of absorption of the substrate.

Spreading capacity

Through 100-40, 150-31 mesh: 45 - 65 m²/l.

Colour mixing

In this ink series not only the Visprox colors according to the Colormatic matching system can approximately be obtained by using the mixing colors A-M but also colours of other matching systems. Condition: 120-34 mesh, white substrate.

Use

Thinner

The Hydroset 8500 inks are ready for use. If required, a max. of 10% water can be added. 5-10% of retarder 33 can be used in case of drying in or when very fine details/halftone prints have to be printed.

Mesh

100-34, 150-31, choice of mesh type is dependent on the absorption, opacity and fineness of the to be printed details. The best results will be achieved by using a fine mesh such as 140-34, 150-34 (plain wave).

Attention

When using glue, see to it that the pH of the glue does not exceed a value of 8, as otherwise the colours have a tendency to solve and migrate. The screen stability will be improved by wetting the screen before printing.

Film

See to it that the to be used type of direct- or capillary film is water resistant.

Cleaning

After use to be cleaned immediately with water.

General

Security

All our ink are provided with security- and health instructions.

Colour range

Halftone process colors	Colormatic matching colors
8550 Halftone Paste	8500 A Lemon Yellow
8551 Yellow Tix	8500 B Golden Yellow
8552 Cyan Tix	8500 C Orange
8553 Magenta Tix	8500 D Red
8554 Black Tix	8500 E Carmine
	8500 F Pink
	8500 G Bright Violet
8500 Overprint Varnish	8500 H Permanent Blue
	8500 K Permanent Green
	8501 L White
	8502 M Black
	8549 Clear

Additive

8500 Screen Opener

Thinner

Water

Retarder 33

This technical information is meant to be a guide-line. Even though the information is given after detailed examination and to the best of our knowledge, Visprox B.V. can take no responsibility for it. Please continually make proof prints before printing the whole run.