

HydroTek 45 Series

Waterbased Inks for Labels & Paper/Paperboard

Increased Strength for WB Flexography

The **HydroTek 45 Series** inks have been designed to address the changing production needs of the narrow web flexo label printing industry. Retiring experienced press operators, reduced technical knowledge of new, younger operators and trainees, and the ongoing demand to reduce waste and maximize productivity have guided the development of this higher-strength, extremely pH-stable, low viscosity waterbased ink system. Built-in properties enable fine line screens and reverses to be printed at low BCM counts, while minimizing on-press maintenance and adjustment. Simply shake, pour and run – occasional regular additions of pH adjuster or reducer may be needed, but the normal replenishment of ink in the pan will help maintain the ink's correct balance.

Profitability Enhancement

The most proven method for maximizing profitability in your pressroom is to minimize wasted time, energy and material. The **HydroTek 45 Series** is the most press-stable, operator-friendly waterbased film ink system available in the industry today. The extreme pH stability, high pigment strength and low viscosity provide for clean printing and less operator maintenance. Reduced waste through minimal plate cleaning stops helps keep your press crews focused on print quality and job throughput.

Features

- + Excellent pH stability
- + Highest pigmentation
- + Non-silicone and minimal wax content
- + Low odor
- + Low viscosity
- + Excellent drying speed
- + High transparency and gloss
- + Ideal for label & packaging applications on coated & uncoated papers and topcoated film substrates.



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Description	Product Code	Blue Wool Fade	Anilox (bcm)
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PROCESS INKS

Yellow	4501	5	1.3–1.6
Magenta	4502	6	1.3–1.6
Cyan	4503	8	1.3–1.6
Black	4504	8	1.3–1.6

Description	Product Code	Blue Wool Fade	Anilox (+/- 0.5 to 1.0 bcm)
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BASE INKS

Yellow	4511	5	3.5
Warm Red	4521	5	3.5
Rubine	4531	6	3.5
Rhodamine	4540	4	3.5
Purple	4550	4	3.5
Violet	4556	3	3.5
Reflex Blue	4561	4	3.5
Process Blue	4570	8	3.5
Green	4580	8	3.5
Black	4590	8	3.5
Extender	4595	N/A	N/A
Opaque White	4105	8	4.0–8.0

ADDITIVES

WB0004 Catalyst

WB0005 Clean Print Additive

(pH Increaser / 1–3% if needed to increase pH)

WB0006 Refresh Stabilizing Reducer

WB0007 Press-side Defoamer

EXPERTLY DONE.