

HydroTek 42 Series

Waterbased Inks for Thermal Printing

New Paradigm for WB Flexography

The **HydroTek 42 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 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 42 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
- + High pigmentation
- + Non-silicone and minimal wax content
- + Low odor
- + Low viscosity
- + Excellent drying speed
- + High transparency and gloss
- + Ideal for most common thermal paper substrates – NOT INTENDED FOR difficult-to-print film & foil substrates.



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Description	Product Code	Blue Wool Fade	Anilox (+/- 0.5 to 1.0 bcm)
BASE INKS			
Yellow	RH4267613	5	3.5
Warm Red	RH4267615	5	3.5
Rubine	RH4267614	6	3.5
Rhodamine	RH4267616	4	3.5
Purple	RH4267620	4	3.5
Violet	RH4267619	3	3.5
Reflex Blue	RH4267618	4	3.5
Process Blue	RH4267617	8	3.5
Green	RH4267622	8	3.5
Black	RH4267621	8	3.5
Extender	RH4267623	N/A	N/A

ADDITIVES

WB0004 Catalyst

WB0005 Clean Print Additive

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

WB0006 Refresh Stabilizing Reducer

WB0007 Press-side Defoamer

EXPERTLY DONE.