



## WATER-BASED INK ADDITIVES

### WB RETARDER

WB-RETARDER is a formaldehyde-free additive designed to extend the screen life of water-based ink during production printing. It is compatible with water-based and discharge-ink systems. WB-RETARDER can be used to thin and slow down the air drying process of the ink, which especially comes in handy for printing water-based inks through a high mesh counts such as 230 mesh or higher. It is also very useful on hot days or when there is a lot of air-flow, from fans or ventilation systems, blowing across the screens. Also useful when printing in higher altitudes. Add 3-5%, by weight, directly into the water-based ink. Over 5% will slow down and lengthen in curing times or inhibit complete cure.

#### ADVANTAGES

- Slows down ink from drying and clogging in screen.
- Improves Ink's flow characteristics.



#### PACKAGING

1 quart  
1 gallon  
5 gallon

### WB FIXER

WB FIXER is a formaldehyde-free cross linking agent that vastly improves the wash and crock fastness of the garment. WB FIXER is particularly useful where dryers have insufficient dwell time or when reduced curing temperatures are necessary to avoid color migration. Add up to 5% maximum, by weight, to your Discharge or Water based inks. It can be added to ink without affecting performance, over 5% may increase the hand (softness). Minimum curing recommendation – 90 seconds at 330°F (165°C)

#### ADVANTAGES

- Increases Ink Durability.
- Enhanced Color Fastness.
- Keeps Color Vibrant.



#### PACKAGING

1 pint      5 gallon  
1 quart    55 gallon  
1 gallon

### WB SOFTNER

WB SOFTNER is a formaldehyde-free additive designed specifically to reduce the print's hand (softness) in all aqueous ink systems. Add 2-3%, by weight, to your discharge or water-based inks. Up to 5% maximum, by weight, can be added. The maximum addition level should not be exceeded as this may adversely affect the printed fabrics wash fastness. WB SOFTNER also improves the "flow" characteristics of the ink and prevents drying-in /choking in the screen without any adverse effect on flash performance of the ink.

#### ADVANTAGES

- Helps Ink to Penetrate the Fabric.
- Creates Softer Hand.
- Increases Printability.



#### PACKAGING

1 pint      5 gallon  
1 quart    55 gallon  
1 gallon