

# Kao Collins Inc.

## Complete H (TWK1818)

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Darker Image  
Less maintenance

Complete H is a dye/pigment hybrid ink that is formulated to print on both coated and non-coated substrates. This ink will dry quickly and give good permanence, while maintaining excellent print quality and a dark image.

### Ink Features

- Fluid base: Aqueous
- Colorant: Dye/Pigment
- Flash Point:  $> 70^{\circ}C$
- Shipping info: Non-Hazardous

### Recommended Printer Settings

Pen driver voltage: 10.2 V  
Fire pulse length: 2.2  $\mu s$   
Pulse warming:  $40^{\circ}C$

### Printhead Performance

Decap time:  $< 15$  min  
Shelf life (single/bulk) 2 years/6 months

Best suited for applications where cartridge faces downward

### Cartridge Maintenance & Handling

- Use a water dampened lint-free cloth to clean the print head
- Wipe slowly and lightly across tip of the long edge with the print head facing down
- Forcing the wipe (too much pressure) may scratch the print head
- Use of a cloth with lint may clog the nozzles

### Cartridge Storage

- Operating conditions:  $10 - 40^{\circ}C$
- Storage conditions:  $10 - 30^{\circ}C$
- Less than 1 day down: leave cartridges in the machine and wipe/purge before next use
- More than 1 day down: remove cartridges from machine and place cartridge clip (available from Kao Collins) over the head, wipe and purge before use

Substrate Performance • 600x300 DPI • Dryer: OFF • Rating: 1-5 (5=Best)

**Disclaimer:** The information presented in this data sheet is intended only as a guide and does not infer a warranty of performance. Results may vary depending upon many variables including the specific grade of substrate, environmental conditions, print speed, etc.

| Sample Substrate    | Copy Paper | 70# Gloss | Matte | Corrugate | Clay Coat Box |
|---------------------|------------|-----------|-------|-----------|---------------|
| Optical Density     | 1.09       | 1.49      | 1.33  | 1.03      | 1.38          |
| Unassisted Dry Time | 1 sec      | 10 sec    | 4 sec | 1 sec     | 6 sec         |
| Wet Rub Resistance  | 5          | 3         | 3     | 5         | 4             |