

WHITE RAINBOW SPECIALTY INKS

IT17
(3/10)

- Product Type:** Dry Offset printing inks which are not visible when printed until activated by rubbing the image with a special crayon.
- Printing Method:** Sheetfed or Web Dry Offset processes must be used, utilizing raised image (i.e. Dycril®) dry offset plates with rider bars.
- Stocks:** The following stocks have performed well with White Rainbow inks:
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| Sheetfed: | Web-fed: |
| Pathfinder Reply 73# | Weyerhaeuser Husky Smooth, 50# to 80# |
| Pinehurst Smooth 80# | Pinehurst Smooth |
| Weyerhaeuser Husky Smooth 70# | Georgia Pacific Amherst Vellum |
| Various bleach-board stocks above .008, printed on the uncoated surface | |
- NOTE:** The brighter the stock, the better the developed colors will appear due to the visual contrast. Avoid use of coated papers as images can smudge when rubbed by the crayon.
- Artwork:** As a standard lithographic black ink is generally used to print image outlines, care must be taken to assure that no White Rainbow ink prints directly over such an ink. Over time, toned or “muddy” images will occur as a result of the black contaminating the White Rainbow ink.
- NOTE:** Solid/block artwork is preferred to halftones, as halftones generally result in a loss of color vibrance.
- Color Availability:** Available in shades approximating process yellow, magenta, blue and black. Maximum color densities are reached 30 minutes after crayon activation.
- General Printing Notes:** Screen size for the plates should be 80 lines per inch or less for maximum color development.
- Clean each deck prior to use to prevent color contamination. Clean as if the previous ink in the deck was black and now you wish to print an opaque white.
- Print only one side of the paper with White Rainbow inks.
- The printed pages, when cut and folded to create booklets, should never be face-to-face, only face-to-back.
- Best results are achieved with the following ink sequence: Outline Black; White Rainbow Blue; White Rainbow Red; White Rainbow Yellow; White Rainbow Black.
- Printed and cut forms coming off press can be pressure banded.
- Allow 48 hours after printing before finishing (binding & trimming).