



HYDRO CHROMIC INK

Properties	Water Based Ink Reversible Water Sensitive Ink Appearance : White Base Color Color Changing Format : White to Transparent when in contact with water.
Applications	Toys, Packaging, Safety, Any surface in contact with water
Application Materials	Paper, Stickers, Vinyl, Cloth material, Nylon
Characteristics	1: Low odor 2: Smooth final surface
Method of Use	A: Screen Numbers: 80 – 200mesh B: Screen Printing Plate water based C: Scraper 65 -85c Polyurethane anti solvent scraper D: Approx. 15sq mtr per KG of ink (screen printing plate 100mesh) E: Printing (Printing prep and process) 1: Make sure ink is completely stirred and mixed 2: Continuous printing / screen printing. Should the plates become blocked, wash with clear water. 3: Distilled water is the most effective to clear and clean F: Drying Times: Natural Drying Time varies, 10 – 20 mins. In fact, it actually needs up to 2hrs to completely dry. Drying time varies depending on environment, machinery and process. To speed up the drying process use a warm air blower or drying tube G: Additives, Catalysts Be careful to add small amounts to get to the correct adhesive structure required. Sampling is best done before starting production. Printing effects will vary dependent on various substrates used when adapting the adhesive structure of the water based ink.
Shelf Life	Product dries out between 6 8 months, you can rejuvenate by adding water, however too much and the Hydrochromic ink will lose its physical properties