

IS431

Red Solvent Ink

IS431 is a high performance solvent based ink that is specially formulated to work on rigid PVC pipe and is available in HP 45 cartridges and Integrated Bulk Cartridge (IBC) systems. The ink is formulated to penetrate the PVC surface which results in a permanent image.

General Specifications

Ink part number	IS431	
Target substrates	Non-porous	
Ink vehicle	Alcohol	
Colorant type	Dye	
Drop volume (nominal)	30 μ L	Varies with application and temperature
Maximum firing frequency	15 kHz	
Shelf life (single cartridge)	2 months	Refrigerate for longer shelf life
Dry time	10 seconds	On rigid PVC pipe, varies with substrate and temperature
Operating conditions	0-40°C	
Storage conditions	<30°C	
Voltage	8 V	
Pulse width	2.2 μ sec	
Head warming temperature	40°C	Turn off warming when not printing for > 1 hour
Decap time	10 minutes	



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Cartridge Maintenance and Handling

- Clean the cartridge with a lint free cloth and wipe along the length of the printhead.
- If necessary, moisten the cloth first with denatured alcohol (not rubbing alcohol).

Cartridge Storage

- Remove cartridge from printer and replace clip if cartridge will not be used for 24 hours or more.
- Store cartridges in a cool environment

Disclaimer

WE DECLARE OUR LIABILITY TO BE THE PRICE OF THE CARTRIDGE. We are committed to a continuing program of product improvement. Thus, please be advised that specifications, performance, parameters and appearance of our products are subject to change without notice. The information (including performance parameters) provided about this ink is based on tests conducted under controlled conditions. Since conditions of actual use may differ and are beyond our control, use this ink at your own risk and test for suitability in the application. We only guarantee initial start-up of the cartridge prior to the use by date listed on the cartridge packaging.
MSDS IS AVAILABLE UPON REQUEST.