

UV LED Curable[®] Inks for non-porous media

ImTech's patented UV LED curable inks are designed for printing on non-porous and semi-porous media using HP 45 ink cartridges and LED curing. UV LED ink is well-suited for marking on vinyl, glass, polyester, PVC, and several other low-porosity surfaces. The print quality and adhesion properties vary depending on substrate surface finish. Available in black and red.

The inks exhibit good start-up behavior, fastness properties, adhesion, and dry times.

General Performance Data

Property	Range / Description	Comment
Durability	Excellent	
Water resistance	Excellent	
Rub resistance	Good	Substrate dependent
Shelf life	6 months	Refrigerate for better shelf life
Target substrates	Non-porous substrates	Test for applicability



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Recommended Cartridge Operating Parameters

Property	Range	Comment
Operating voltage	11.0 V	
Pulse width	2.2 μ Sec	
Pulse warming temperature	45°C	
Frequency range	0-12 KHz	
Storage temperature	5° - 30° C	

Cartridge Maintenance and Handling

- Clean the printhead by wiping it with a lint-free cloth moistened with denatured alcohol. Wipe slowly and lightly along the long edge, with the printhead facing down.
- Store the cartridge upright with the supplied cap in place, preferably in a refrigerator.

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.