

# PolyPrint

## Fast Dry Solvent Ink



PolyPrint series of inks are suitable for printing on non-porous and semi porous media. Delivered in HP 45 ink cartridges, PolyPrint inks are suited for barcodes, date codes, and other low density image printing applications.

PolyPrint is specially designed to print on coated polyethylene substrates but will dry instantly and have good adhesion to many substrates including clay & aqueous coated fiberboard containers.

PolyPrint inks require minimal maintenance and are easily recoverable, but are best suited for continuous printing applications. Vacuum or air flow directly on the nozzles will affect startup performance.

### General Performance Data

Property	Range / Description	Comment
Optical Density (600x300)	0.8-0.9	Zebra ink-jet coated PVC cards
Dry Time	< 5 seconds	At 24 C and 50% RH
Durability	Excellent	
Water Resistance	Excellent	
Rub Resistance	Good	Varies with substrate surface treatments
Shelf life	3 months	
Target Substrates	Polyethylene	Aqueous coated PE, PET and coated fiberboard



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### Recommended Cartridge Operating Parameters

Property	Range	Comment
Operating Voltage	7 V	
Pulse Width	3 $\mu$ S	
Pulse Warming Temperature	40 C	
Maximum Print Speed	500,000 drops/seconds	Thermal limit
Storage Temperature	10 C – 30 C	For best results store cartridges in a refrigerator

### 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.

#### 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.**



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