

PZO 1300 Series

PRODUCT DESCRIPTION:

Durable solvent based ink system for Digital Graphics Incorporation (DGI) printers

PRINTING HARDWARE COMPATIBILITY:

DGI™ Solvent Printers: MegaJet / SpaceJet / VT Series / XP Series

FULL PRODUCT DESCRIPTION:

This Monteith superior quality high durability pigment ink system is designed to operate efficiently on the DGI solvent printing platform.

Combining two year exterior durability and high abrasion resistance, the ink is ideal for general use in sign, display and vehicle applications. The system delivers consistent colour and print characteristics batch-to-batch ensuring maximum operational performance, job repeatability and minimal downtime.

FEATURES + BENEFITS:

Monteith ink delivers a wide colour gamut, high density and long term exterior performance. The ink system has proven resistance to the effects of UV degradation and colour fading. When used correctly the ink can reproduce the deepest solid colours and the subtlest tones to create the most vibrant and natural images.

APPLICATIONS AND COMPATIBLE MATERIALS:

Typical applications include; sign, display, advertising and vehicle graphics.

This ink has been designed to deliver excellent adhesion and flexibility on most self-supporting flexible PVC based materials and self-adhesive vinyl films.

WARRANTY INFORMATION:

2 years outdoor durability without lamination.
5 years indoor durability without lamination.
5 years outdoor durability with approved lamination.
Full details of the Monteith Durability Warranty are available upon request.

ORDERING INFORMATION:

PRODUCT	RANGE	CODE	UNIT SIZE	
			LITRE	GALLON
CYAN	PZO	1301	4 X 3.787	4 X 1.0
MAGENTA	PZO	1302	4 X 3.787	4 X 1.0
YELLOW	PZO	1303	4 X 3.787	4 X 1.0
BLACK	PZO	1304	4 X 3.787	4 X 1.0
LIGHT CYAN	PZO	1305	4 X 3.787	4 X 1.0
LIGHT MAGENTA	PZO	1306	4 X 3.787	4 X 1.0
CLEANING FLUID	PZO Cleaner	110	4 X 3.787	4 X 1.0

DATASHEET VERSION NUMBER + RELEASE DATE:

Version 1.1 / 31st January 2006



INK PROPERTIES

- GAMMUT AND COLOUR: Wide colour gamut with dense warm reds and bright greens.
- UV DURABILITY: 24 months external exposure
- ABRASION RESISTANCE: Excellent abrasion resistance on standard substrates
- CHEMICAL RESISTANCE: Resistant to common cleaning chemicals
- DRYING CHARACTERISTICS: Formulated to meet or exceed the OEM hardware drying specification
- PRINTING AND COLOUR PROFILES: Standard

COMPATIBLE PRODUCTS:

- CLEANING FLUID: Monteith PZO 110
- PROTECTIVE COATINGS: Monteith PZO 701, PZO 702, PZO 704 water-based clearcoats
- OTHER COMPATIBLE PRODUCTS: N/A

STORAGE INFORMATION:

Store ink at 77°F (25°C) or below in a well ventilated area.

Keep away from heat and all ignition sources, such as heat, sparks, and flames. Keep container closed and use proper grounding procedures. Ink should be allowed to reach room temperature before printing. The recommended shelf life of this product is 10 months when stored under preferred conditions.

SAFETY INFORMATION:

Avoid breathing vapours and mist - in case of inhalation remove person from exposure, administer artificial respiration if breathing has stopped. Seek medical attention at once. Avoid contact with eyes - if ink comes into contact with eyes, flush with large amounts of water until irritation subsides. If irritation persists seek medical attention. If ink comes into contact with the skin - flush with large amounts of water and use mild soap to wash affected area. Remove contaminated clothing and launder before reuse. If swallowed do not induce vomiting, keep at rest and seek medical attention at once.

HANDLING INFORMATION:

It is highly recommended that local exhaust ventilation utilising mechanical explosion-proof equipment is used in confined and other operational areas. For respiratory protection it is also highly recommended that approved self-contained breathing apparatus or an organic vapour cartridge respirator is worn. Chemically resistant gloves (such as nitrile/butyl), safety glasses with side shields (or full-face shield) and long sleeved clothing and aprons should be worn when handling inks and cleaning solvents. If material is released or spilled, eliminate all sources of ignition and prevent spills with sand or earth from entering sewers, water courses and low areas. Recover by pumping or by using a suitable absorbent material. Place in suitable container for proper disposal. Emptied containers retain vapour and product residue. Observe all labeled warnings. Do not reuse empty containers without commercial cleaning or reconditioning. This product is highly toxic to aquatic life.

ENVIRONMENTAL INFORMATION:

Waste disposal method. Dispose of in accordance with local, provincial and federal regulations. Incinerate or landfill in approved facility and notify the appropriate environmental agencies.

DISCLAIMER:

The information and data contained herein is believed to be accurate at the time of preparation and has been obtained from sources believed to be generally reliable. No warranty or liability for the accuracy is made and no liability will be assumed for claims arising from any party's use of or reliance on information or recommendations contained herein.

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