NOVADROP

WG10

Black Water-Based Ink Cartridge

Reliable coding for porous and absorbent packaging materials



DESIGNED FOR POROUS-SUBSTRATE CODING AND MARKING

NovaDrop WG10 water-based ink is designed for clear coding on cartons, paper labels, kraft paper, and other absorbent packaging materials.

WATER-BASED FORMULATION

The formulation is primarily water-based and is completely miscible with water, supporting routine industrial printing and straightforward clean-up.

NON-HAZARDOUS HANDLING PROFILE

The supplied SDS classifies the ink as a non-hazardous substance and non-dangerous goods under normal conditions of use.

STABLE STORAGE AND TRANSPORT

Store in a cool, dry, well-ventilated place and avoid freezing. The product is not regulated as dangerous goods for land, sea, or air transportation.

CLEAR INDUSTRIAL IDENTIFICATION

Suitable for printing batch numbers, production and expiry dates, text, barcodes, QR codes, and traceability information on compatible porous substrates.

RECOMMENDED SUBSTRATES

- **Corrugated cartons**
- **Uncoated paper and kraft paper**
- **Paper labels and tags**
- **Other porous, absorbent materials**

RELIABLE | SAFE | CONSISTENT

KEY HIGHLIGHTS

- Water-based black ink formulation
- Completely miscible with water
- Classified as a non-hazardous substance
- Stable under normal conditions
- Not regulated as dangerous goods
- Suitable for TIJ thermal inkjet printers

Actual drying, adhesion, and code readability may vary by substrate, printing system, and environment. Test before production use.

For safe handling, storage, and transportation, refer to the latest Safety Data Sheet.

BUILD FOR POROUS SURFACE

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Data sheet WG10

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TECHNICAL SPECIFICATIONS

Product model	WG10
Ink type	Black water dye based ink
Recommended use	Ink for TIJ thermal inkjet printers
Physical state	Liquid
Color	Black
Firing Voltage	11.2V
Pulse Width	2.1 microseconds
Water solubility	Completely miscible with water
Operating Conditions	15°C ~ 35°C / 30% ~ 80% RH
Storage Conditions	5°C ~ 35°C / 20% ~ 80% RH
Spontaneous ignition	Does not ignite spontaneously
Explosion risk	Non-explosive
Hazard classification	Non-hazardous substance; non-dangerous goods
Stability	Stable under normal conditions

ORDERING INFORMATION

Product code	Product description
WG10	NovaDrop WG10 - Black Water Dye Based Ink Cartridge

TYPICAL APPLICATIONS

- Batch code printing
- Date and expiry coding
- Barcode and QR code printing
- Lot number and traceability marking
- Carton and paper packaging identification

Specifications are for reference only and may be adjusted without prior notice.

Please consult the latest product documents for safety, handling, and transportation guidance.