

# Product Description Dry Wipe/Erase Markers

Part Number: DEPEN



**Product Description:** The body & cap of our Dry Erase Marker are moulded from high-density polyethylene, containing a non-toxic metal detectable additive. This compound can be detected by correctly calibrated in-line metal and x-ray detection systems. The DEPEN features Sureflow ink, meaning the pen will continue to write for several days even if the cap is left off. This ink is suitable for use on whiteboards and other glossy surfaces that can be wiped clean with a cloth or tissue.

Marker body & cap manufactured from metal detectable high-density polyethylene, bullet style medium thickness nib manufactured from polyester.

**Product Dimensions:** Standard Nib - 134mm x 18mmØ Fine Tip Nib - 120mm x 18mmØ

**Ink Colors:** Black, Blue, Red and Green

**Ink Safety:** Ink if used in a normal way is not considered hazardous, however in the event of abnormal use; if ingestion is suspected give plenty of water to drink and seek medical attention, if eye contact occurs irrigate with water for 10 minutes and seek medical attention, if inhalation occurs remove from exposure – seek fresh air and in severe cases seek medical attention.

**Write Out Length:** Standard Drywipe: approx. 700m

**Pack Size:** 10 per box

**Product Advantages:**

- Detectable by in-line metal detection systems
- Highly visible bright blue body colour for easy visual identification
- 4 colors to choose from
- Can be used as part of HACCP and BRC procedures
- Displays due diligence in the prevention of foreign body contamination
- Wipes clean from whiteboards and other glossy surfaces
- Sureflow ink means the pen will continue to write for several days with the cap left off

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Metal Detectable Products

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<b>Product Materials:</b>	Cap	HDPE with metal detectable & x-ray visible additives
	Body	HDPE with metal detectable & x-ray visible additives
	NIB	Acrylic
	Ink Reservoir	Polyester
	End Plug	LLDPE with metal detectable & E-ray visible additives

## Detectability

The body, cap and plug of our markers are manufactured from detectable polymers. These polymers contain evenly dispersed non-toxic detectable additives, making the material detectable by correctly calibrated metal detection systems and x-ray inspection systems.

Metal detectability performance will vary based on, but not limited to the following factors:

- Detector Calibration Levels
- Food Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Aperture Dimensions
- Contaminant Orientation

For this reason Detectapro recommends all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case your equipment needs to be recalibrated in order to reliably detect this product and its fragments. Such a professional should be available by contacting the manufacturer of your metal detection system.

**Handling / Storage:** Store at normal room temperature, keep away from direct heat and keep in original container.

<b>Ink Properties:</b>	Property	Value
	Hazard Identification:	With normal use, no known hazards
	Stability / Reactivity:	Product is stable
	Eco Toxicity:	No adverse ecological effects known
	Chemical Properties:	The solvent based ink contains industrial meths, and will produce a flammable vapour that is heavier than air.
	Volatility:	80%
	Specific Gravity:	0.815 - 0.835

This ink does not contain any substances of very high concern (SVHC), Benzene, Toluene or Xylene.



**Ink Safety:**

Ink contact with skin is not considered hazardous when coming into contact with skin through normal use. In the event of abnormal use causing health problems please refer to the below information:

Route	First Aid
Oral:	Give plenty of water to drink if ingestion is suspected
Skin Contact:	Wash skin with soap and water
Eye Contact:	Irrigate with water for ten minutes - obtain medical attention
Inhalation:	Remove from exposure - in severe cases obtain medical attention

**Ink Temp Range:**

The drywipe ink will work in temperature ranges up to 50°C. They will also work in freezing temperatures however, if the cap is left off the nib for longer periods of time at freezing temperatures the nib will solidify due to the sureflow additive that is used to stop the ink from drying out.

**Food Contact Status (EU) HDPE Material**

Hereby we declare that the material HDPE is manufactured in line with the relevant requirements of 2023/2006/EC on good manufacturing practice (GMP) for materials and articles intended to come into contact with food.

The raw materials used in the manufacturing process of the above mentioned materials can be considered suitable for food contact applications in terms of compliance with European regulations. The raw materials used meet the relevant requirements of EU Framework Regulation 1935/2004 on materials and articles intended to come into contact with food.

All monomers, starting substances and additives used to manufacture these grades are listed in Commission Regulation (EU) No. 10 (2011) on plastic materials and articles intended to come into contact with food.

Colourants used are compliant with European Council Resolution AP(89) 1 on the use of colourants in plastic materials coming into contact with food.

**Food Contact Status (FDA) HDPE Material**

The polypropylene base resin used in HDPE meets the FDA (Food and Drug Administration) requirements contained in the Code of Federal Regulations – latest revision (1/4-2011) - in 21 CFR 177.1520 (a) (3) (i) , (b) and (c) (3.1a). At the same time this base resin grade meets the FDA criteria in 21 CFR 177.1520 for food contact applications, excluding cooking, listed under conditions of use C through H in 21 CFR 176.170 (c), Table 2., and can be used in contact with all food types as listed in 21 CFR 176.170 (c), Table 1. Also the mineral additives and the pigments used are GRAS (Generally Recognized As Safe) or are FDA cleared under specific FDA citations.

**Food Contact Status LLDPE Material**

The raw materials used in the manufacturing process of LLDPE are compliant with the Commission Regulation (EU) No. 10/2011 on plastic materials intended to come in to contact with food including its amendments. Under FDA regulations, the listed material is confirmed as generally recognized as safe (GRAS)



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