



# When you think ink, think **antonine** | PRINTING INKS LTD

## **BIO THERM**

### Water-based flexographic inks

These inks offer high-end resistance properties on surface print applications for film and specialised paper substrates. Suitable for jobs requiring high resistance requirements, e.g. fertiliser bags, deep freeze bags and shopping bags, etc.

- Fully Pigmented
- Fast drying
- Wet and Dry rub resistance
- Deep-freeze resistance
- High heat resistance
- Blocking resistance
- Excellent scuff resistance
- Non-flammable
- Non-toxic

**VISCOSITY:** Reduction to press viscosity is with water only. Press viscosity is determined to some extent by colour and design, anilox roller, screen & machine speed. This can be as low as 17" din4 and as high as 30" din4.

**LIGHTFASTNESS:** This is determined by pigment selection and can be formulated on request where fade resistant inks are required.

**FOAMING:** Whilst formulated to minimise foaming, some ink circulation systems may cause excess foaming; in such cases, a small addition of antifoam will prevent this.

**AVAILABILITY:** We can supply the complete colour range of inks, whether standard colours, Pantone® matching, process, or specialist matches. Available in buckets, barrels, or IBCs.

**SUITABILITY:** The Biotherm ink system is designed for use in indirect food contact applications. The user must test and ensure the suitability of the articles for their specific application, including compliance with any relevant limitations, before introducing them into circulation.


**STORAGE:** Inks should be stored in the original, unopened, and undamaged containers in a dry place at temperatures between 5°C and 25°C. Protect from frost and extended exposure to direct sunlight and heat.



#### **SUSTAINABLE INKS THROUGH INNOVATION**

Through research, development and procurement of **sustainable raw materials**, our range of **water-based ink systems** are environmentally friendly to the print and packaging industry.



 WATER-BASED INKS	DOLPHIN	FLEXOGLOSS	TISSUEFAST	BIO THERM	THERMATEX	BELLARIA	PACIFIC
PAPER & BOARD	●	●		●	●	●	
FLEXIBLE PACKAGING					●	●	●
TISSUE			●				
HIGH WATER RESISTANCE				●	●		●
HEAT RESISTANT				●	●		●
HIGH GLOSS		●			●	●	●
HIGH RUNNING SPEEDS	●	●			●	●	●

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