

# Introducing AQUACode!

Water-based ink and coating technology that goes beyond the eye and delivers success in Paper & Board printing.



**FlintGroup** / Packaging Inks



# Introducing AQUACode!

**A full range of water-based inks that have been designed to deliver safety, flexibility, ease of use and enhanced sustainability.**

Flint Group's AQUACode range comprises inks and coatings that have been designed to meet the needs of specific Paper & Board packaging applications. From corrugated to aseptic packaging, the AQUACode range delivers a host of operational and quality benefits - including products designed to support a circular economy.

With more than meets the eye - the AQUACode range will deliver reduced waste and increased efficiency to reduce the total cost of Paper & Board printing.

## **Product safety and premium quality:**

- Compliance with global and local food packaging regulations
- Experts who support regulatory needs
- Outstanding print quality and coverage
- Supports expanded color gamut and high definition printing
- Product consistency & high strength solutions

## **Enhanced supply & sustainability:**

- Dedicated team of procurement specialists
- Selection of the highest quality materials
- Sourced from responsible & secure supply chains
- Sustainable technology
- Supports a circular economy for packaging
- Includes high-performance coatings



## **Global & regional regulatory compliance:**

- Addressing Reach and TSCA
- International food packaging criteria including Swiss Ordinance
- Stringent selection of raw materials for food packaging and safety & sustainability
- Low VOC levels
- Regionally compliance in North America and other parts of the world

## **Versatile & easy to use:**

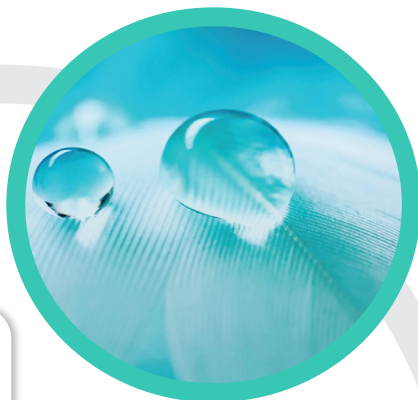
- Highly flexible system
- Ability to print on a variety of applications, substrates & weights
- Easy to use & easy to wash up
- Consistent colors and press return stability

## **Effortless transitions & future proofed:**

- Easy implementation process & effortless swap
- Meets & exceeds market-leading press speeds
- Optimised to meet food safety requirements
- Developed to support future packaging innovations

## **Added value & reduced print costs:**

- Improved coverage on low weight grades
- Optimised formulation costs
- Industry leading mileage
- Excellent solubility & reduced plate cleaning
- Outstanding press return stability
- pH and viscosity stability







## Technology Designed to Protect & Perform!

Water-based Dispersion technology designed with outstanding resistance to support specific packaging demands.

Flint Group's OctaCode XT dispersions combined the knowledge of advanced pigment and resin synthesis, coupled with Flint Group's vast understanding of flexographic and gravure printing. OctaCode dispersions provide high color strength, high end graphics, and stability on & off press.

The OctaCode series is built on a Swiss Ordinance raw material platform. This unique product range offers class leading product safety.

### Suitable for a wide variety of applications:

- Corrugated pre- and post-print, including lightweight liners
- Industrial paper sacks and dry food bags
- Paper shopping bags
- Gift wrap
- Aseptic and fresh packaging
- Paper cups, plates and food cartons and wraps
- Folding carton
- Ream wraps
- Label applications
- Hygiene applications

### Power up your Colors!

- Excellent performance on porous & non porous materials
- High pigment loading
- Excellent gloss and transparency
- Stable rheology
- Wide ranging capabilities
- Ideal for dispensing systems
- Lowest VOC's in our AquaCode range

### Ink Global!

- A global product reinforced by a global team, infused with local experts and focused support.
- Global food packaging and regulatory compliance.
- Simplify the wide world of print with a global, consolidated, ink system.

### Dream Green with TerraCode!

- Chemistry designed with an environmental focus - suitable for the circular packaging economy.
- Free of harmful solvents - designed for safe handling.
- Designed for printing safe end products.
- Products that support Flint Group's sustainability platform.





## Core applications:

The systems below can be used in blending with our OctaCode Dispersions:

<b>TerraCode</b>	TerraCode provides a renewable solution for printers' and brand owners' environmental and sustainable projects. Available in 3 levels of renewable chemistries, TerraCode is suitable for most Paper & Board applications and for printers' specific needs. With TerraCode, Flint Group demonstrates its commitment to a sustainable future while maintaining the print quality and packaging performance expected from a Flint Group product.
<b>GFX</b>	A workhorse water-based flexographic ink series designed to produce superior reproduction at high press speeds on corrugated stocks - particularly natural kraft, mottled kraft or bleached kraft. Perfect for entry level line color graphics or for use on uncoated substrates. GFX are high strength inks with very good color intensity, coverage and enables clean printing. Bulk GCMI colors available.
<b>Stableflex</b>	These inks deliver unmatched run-ability on a variety of press configurations making Stableflex a perfect choice for converters striving to increase both quality and production output. These inks perform well on a wide range of materials and are formulated to provide exceptional pH stability and color reproduction of GCMI Edition X, PMS and custom matched colors.
<b>Hi Graphic High Gloss</b>	These inks are custom formulated to meet the printing requirements of titanium-coated liner board typically used in the agricultural market where vibrant colors on white stock are particularly desirable. These inks perform well on a wide variety of substrates, are quick drying, exhibit high scuff resistance and will not plug anilox screens or dry hard on plates. Bulk GCMI colors available.
<b>SPX V &amp; DGF</b>	The SPX V and DGF series of water-based inks are custom formulated to meet the requirements of high hold-out papers and printing fine graphics on white stock. These inks can be formulated for any press configuration. These high-level, clean printing, resolvable inks are designed for printing on bladed presses with vacuum transfer. Exhibit high scuff resistance, quick drying, and maintain resolubility nicely.
<b>Hydro PP X</b>	This series has been designed to print on liner board for pre-print corrugated boxes. When used in combination with DecaCode Temp 01 overprint varnish, these inks will withstand the rigors of the corrugation process and subsequent conversion to a corrugated box. Perfect for line color graphics and all levels of halftones. Performs well on most paper substrates, very low VOCs and ideal for dispensing systems.

**For more details, contact your nearest Flint Group office or dealer.**

### Flint Group

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**Responsibly providing colour to enhance everyday life.**



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