



INXhrc

Natural-based Ink Systems for Packaging Applications

Helps brand owners and printers achieve their sustainability goals by reducing their carbon footprint with measurable and reportable CO₂ savings

Clean and Renewable • Reduced Carbon Footprint • Food Safe Packaging



INXhrc™ inks are formulated to replace petrochemicals with clean and renewable ingredients, ensuring efficient machine, processing, and end-use product performance, while effectively reducing your carbon footprint.

Product Applications

The INXhrc product line includes inks and blending bases; vehicles and coatings for dry offset, flexographic, gravure, and offset applications, as well as a wide range of porous and non-porous substrates including PS, PP, PE, PET, PLA, and coated and uncoated paper.

- Paper and Paperboard: Folding carton and corrugated
- Flexible Film Packaging: Multi-wall and single-wall bags
- Food Service Packaging: Coated, uncoated, polycoated paper, and paperboard
- Rigid Container Packaging: Dairy containers, cups, and most decorative plastic and foam packaging
- Commercial Packaging: Envelopes and labels

Environmental Impact

INXhrc utilizes resins with a natural content ranging from 50% to 90%, adjusted to suit various applications. This results in a 25% to 30% reduction in CO₂ footprint compared to standard aqueous inks.*

- CO₂ Savings: Reduced emissions and measurable impact
- Compost Testing: ASTM6400 and EN13432 compliant
- Food Safe: No chemicals of high concern
- Low migration: Meets EU Commission Regulation and Swiss Regulations on food contact materials
- Free of allergens, nanomaterials, fluorochemicals, fanal pigments, heavy metals, latex, and PTFE

*Based on EUPIA dry ink baseline for aqueous inks of 3.092kg CO₂/kg dry ink



INXhrc.com

To talk with a product specialist, email info@inxintl.com

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