



Be  
brilliant

## A Solution for a Better Tomorrow on Paper

Print samples produced by Flint Group in cooperation with SOMA, Marvaco and UPM

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>+ <b>Print Job:</b> Full HD Expanded Gamut. Cyan, Magenta, Yellow, Black, Orange, Green and Violet</li> <li>+ <b>Press:</b> Soma Optima2 CI Flexo</li> <li>+ <b>Print Speed:</b> 400 m/min</li> <li>+ <b>Screen:</b> 70 L/cm (178 lpi)</li> <li>+ <b>Repro work:</b> Marvaco GreenerPrinting™ EGP™ repro - plate technology</li> </ul> | <ul style="list-style-type: none"> <li>+ <b>Printing Plates:</b> nyloflex® XPH 114 Digital</li> <li>+ <b>Plate Processing:</b> nyloflex® Xpress Thermal System</li> <li>+ <b>Laser:</b> ThermoFlexX 80 D</li> <li>+ <b>Tape:</b> Lohmann DuploFLEX® mounting tapes</li> <li>+ <b>Sleeves:</b> rotec® Blue Light Sleeve</li> <li>+ <b>Adapters:</b> rotec® CFX Bridge</li> <li>+ <b>Substrate:</b> UPM UniquePack™ 80 gsm paper</li> <li>+ <b>Printing Ink Series:</b> Flint Group - TerraCode inks</li> </ul> |
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### XSYS

Plates, Processing, Sleeves and Inks

XSYS

**Solvent-free plate processing at solvent quality and a global safe ink system at premium quality - XSYS's unmatched portfolio for bringing design to life on paper**

- + Thermal round top dot plate nyloflex® XPH Digital
- + Easy-to-use nyloflex® Xpress Thermal Processing System
- + ThermoFlexX 80 for high volume plate making
- + rotec® CFX Bridge - high modulus carbon fibre adapter
- + TerraCode inks - a global water-based ink system

### UPM Paper

UPM UniquePack™  
- safe and sustainable choice



- + Made from renewable and responsibly sourced virgin wood fibres
- + Guaranteed sustainability by FSC® and PEFC™ certifications
- + Can be recycled up to 7 times
- + Produced in accordance with EU Best Available Techniques
- + Product safety is always a priority - Product safety systems cover the entire manufacturing process

### SOMA Printing Inks

Superb. Modular. Open.



- + Dramatically enhances print quality, make-ready times, running costs, and reduces ecological impact.
- + ARUN - sets register and impression producing zero meters setup waste.
- + Ink Cartridge - offers printers a means of reducing ink costs by minimizing ink volume and residual waste.
- + Advanced Bounce Control - top speeds with absolute print stability.

### Marvaco Prepress & Plate Making

Marvaco GreenerPrinting EGP



- + Marvaco GreenerPrinting EGP (Expanded Gamut Printing) technology for better & faster production with less resources.
- + Less ink use, less press cleaning, less waste = eco-efficient.
- + Impactful color shades, higher resolution and better proof correspondence.
- + Short set up and faster job start up to print PMS shades without need of any spot inks.
- + Marvaco Multiscreen combines the best rasters with limitless fade-outs to 0%.

You are welcome to contact us for further information.

#### XSYS

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#### Marvaco

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#### UPM

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XSYS

Print solid. Stay flexible.

04-2019



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### XSYS Plates

nyloflex® XPH Digital

XSYS

**Solvent-free plate processing at solvent quality**

- + Hard durometer, round top thermal plate for all substrates
- + Ideal for printing finest highlights with minimal dot gain
- + Compatible with flat top exposure for further tailoring to meet specific application needs



### Flint Group Packaging Inks

TerraCode

FlintGroup

- + Designed for eco-green solutions - a hybrid biorenewable system supporting a sustainable environment.
- + Addresses sustainability and regulatory directives.
- + Designed for all core water-based Paper & Board applications.
- + Biomass balance available in building block packages.
- + Deliver product safety and premium quality.

### XSYS Thermal Technology

nyloflex® Xpress Thermal Processing Technology

**No solvents. No waitings. No worries.**

- + Easy-to-use system for thermal plate making
- + 30% less waste, up to 88% reduction in electricity and a plate processing time of only 45 minutes



Reduced operation costs • Excellent Print Quality • Improved Productivity • Sustainable • Health & Safety

### XSYS Sleeves

rotec® CFX Bridge

XSYS

**High printing press speeds for maximum printing performance**

- + Vibration dampening characteristics due to high-modulus carbon fibre structure
- + Significantly lighter than conventionally manufactured products - especially with larger wall thicknesses
- + Available as Unifit or Airo versions for customised air transfer system



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