A Solution for a Better Tomorrow on Paper
Print samples produced by Flint Group in cooperation with SOMA, Marvaco and UPM

Flint Group

Print Job: Full HD Expanded Gamut, Cyan, Magenta, Yellow, Black, Orange, Green and Violet
Press: Soma Optima2 CI Flexo
Print Speed: 400 m/min
Screen: 70 L/cm (178 lpi)
Repro Work: Marvaco GreenerPrinting™ EGP™ repro – plate technology

Printing Plates: nyloflex® XPH 114 Digital
Plate Processing: nyloflex® Xpress Thermal System
Laser: ThermoFlexX 80 D
Tape: Lohmann DuploFLEX® mounting tapes
Sleeves: rotec® Blue Light Sleeve
Adapters: rotec® CFX Bridge
Substrate: UPM UniquePack™ 80 gsm paper
Printing Ink Series: Flint Group – TerraCode inks

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 Press

SOMA Optima2 CI Flexo press

- 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.

SOMA
globe@soma-eng.com
www.soma-eng.com

Marvaco
egp@marvaco.fi
www.marvaco.fi

UPM
upm.specialtypapers@upm.com
www.upmspecialtypapers.com
**A Solution for a Better Tomorrow on Paper**

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

<table>
<thead>
<tr>
<th><strong>Print Job:</strong></th>
<th>Full HD Expanded Gamut, Cyan, Magenta, Yellow, Black, Orange, Green and Violet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Press:</strong></td>
<td>Soma Optima2 CI Flexo</td>
</tr>
<tr>
<td><strong>Print Speed:</strong></td>
<td>400 m/min</td>
</tr>
<tr>
<td><strong>Screen:</strong></td>
<td>70 L/cm (178 lpi)</td>
</tr>
<tr>
<td><strong>Repro Work:</strong></td>
<td>Marvaco GreenerPrinting™ EGP™ repro – plate technology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Printing Plates:</strong></th>
<th>nyloflex® XPH 114 Digital</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plate Processing:</strong></td>
<td>nyloflex® Xpress Thermal System</td>
</tr>
<tr>
<td><strong>Laser:</strong></td>
<td>ThermoFlexX 80 D</td>
</tr>
<tr>
<td><strong>Tape:</strong></td>
<td>Lohmann DuploFLEX® mounting tapes</td>
</tr>
<tr>
<td><strong>Sleeves:</strong></td>
<td>rotec® Blue Light Sleeve</td>
</tr>
<tr>
<td><strong>Adapters:</strong></td>
<td>rotec® CFX Bridge</td>
</tr>
<tr>
<td><strong>Substrate:</strong></td>
<td>UPM UniquePack™ 80 gsm paper</td>
</tr>
<tr>
<td><strong>Printing Ink Series:</strong></td>
<td>Flint Group – TerraCode inks</td>
</tr>
</tbody>
</table>

---

**Flint Group Plates**

nyloflex® XPH Digital

**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 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

---

**Flint Group Packaging Inks**

TerraCode

**Global water-based technology range for Paper & Board printers**

- 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.

---

**Flint Group Sleeves**

rotec® CFX Bridge

**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

---

You are welcome to contact us for further information.

Flint Group
info.packaginginks@flintgrp.com
www.flintgrp.com