High Quality Expanded Gamut Printing in Flexible Packaging

Print samples produced by Flint Group in cooperation with Soma and Marvaco

- **Print Job:** HiQ Expanded Gamut Printing
  - Cyan, Magenta, Yellow, Black, Orange, Green and Violet
- **Press:** Soma Optima CI Flexo
- **Print Speed:** 400 m/min
- **Screen:** 70 L/cm (178 lpi)
- **Repro Work:** Marvaco Ltd.
- **Substrate:** BOPP transparent

- **Sleeves:** rotec® Blue Light Sleeve
- **Printing Plates:** nyloflex® FTS Digital
- **Tape:** Lohmann soft
- **Anilox Rollers:** Sandon
- **Printing Ink Series:**
  - FlexiPrint MV (color)
  - FlexiLam CF/1 White
- **Printing Viscosity:**
  - 19” (DIN 4mm) for color
  - 21” (DIN 4mm) for white

---

**Flint Group Plates and Sleeves**

**nyloflex® FTS Digital**
- Versatile flexo plate with inherent flat top dots
  - One plate for multiple segments
  - Less complexity – high performance out of the box
  - Able to hold customized surface screening patterns, for even better performance

**rotec® Blue Light Sleeve**
- The benchmark in plate mounting
  - Superior service life and outstanding durability
  - Easy and reliable handling

---

**Flint Group Packaging Inks**

**FlexiPrint MV**
- Next Generation NC-based ink system for high performance surface print and lamination work.
- Maximised color strength and specific shades to support HiQ and Expanded Gamut pallet multi-color process work.
- Specifically modified for high-speed printing and enhanced press stability throughout the entire job to support maximised OEE (Overall Equipment Efficiency).

---

**SOMA Printing Press**

**SOMA Optima CI Flexo press**
- SOMA Optima CI Flexo press – dramatically enhances print quality, make-ready times, running costs, and reduces in operational costs.
- Advanced Bounce Control – top speeds without bounces and with absolute print stability.
- ARUN - sets register and impression producing zero meters setup waste.
- Ink Cartridge – saves money by economic printing of spot colors or any other expensive shades.

---

**Marvaco Prepress & Plate Making**

**Marvaco EGP (Expanded Gamut Printing)**
- The Marvaco HiQ EGP technology for a wide color space allows the production of PMS shades without using any spot inks.
- HiQ-multiscreening producing very sharp and high definition print result.
- High densities (+20%) thanks to Marvaco’s micro surface structure on the plate.
- Small, round dots and strong solids in the same color.
- Limitless fade-outs to 0%.

---

You are welcome to contact us for further information.

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

SOMA
sales@soma.cz
www.soma-eng.com

Marvaco
egp@marvaco.fi
www.marvaco.fi