



Print Partnership  
2021

## Eye-catching - compare solvent vs. thermal plates

Two comparable print samples produced by XSYS in cooperation with Reproflex and Nilpeter

+ <b>Press:</b>	Nilpeter FA-Line	+ <b>Laser:</b>	ThermoFlexX
+ <b>Print Speed:</b>	200 m/min	+ <b>Printing Plate Solvent:</b>	nyloflex® FTS 114 D
+ <b>Screen Ruling:</b>	63 L/cm (160 lpi)	+ <b>Printing Plate Thermal:</b>	nyloflex® XVH 114 D
+ <b>Repro Work:</b>	Reproflex Scandinavia A/S	+ <b>Processing Equipment:</b>	nyloflex® Equipment
+ <b>Substrates:</b>	surface: Synthogra White BOPP, 38 micron reverse: Synthogra- Syn PET shrink, 45 micron	+ <b>Printing Ink Series:</b>	Flint Group EkoCure Ancora
+ <b>Anilox Rollers:</b>	CYMK (460 L/cm - 3,0 to 3,7 cm <sup>3</sup> /m <sup>2</sup> ), PMS 293 (280 L/cm - 8 cm <sup>3</sup> /m <sup>2</sup> ), PMS 485 (220 L/cm - 8,5 cm <sup>3</sup> /m <sup>2</sup> )		

### XSYS Plates and Sleeves

Comparable results - solvent vs. solvent-free plates 

#### nyloflex® FTS - Inherent flat top dot textured solvent flexo plate

A versatile plate suitable for the label market and all common inks with AIF technology to prevent ink filling which leads to an increase in press uptime.

#### nyloflex® XVH - Out of the box the most versatile thermal plate

The most versatile inherent flat top dot thermal plate for the label market, combines jobs efficiently with minimum plate waste and has the ability to hold surface screening patterns.

### XSYS nyloflex® Xpress Thermal System

No washing. No drying. No waiting. 

- + Superior plate processing equipment, thermal printing plates and materials that result in 88% lower energy consumption.
- + Producing nyloflex® thermal plates in less than an hour, the system helps reduce overall waste and avoiding VOCs being released into the atmosphere.
- + The benefits of thermal processing rivals the print quality of solvent plates.

### Nilpeter Printing Press

Nilpeter FA-Line 

- + Available in 14", 17", 22" and 26".
- + For value-added flexible packaging and labels.
- + Consistent high print quality at all speed - up to 250m/min.
- + Intuitive user interface and fully mobile print controls.
- + Multi-substrate printing: all standard self-adhesive material, and a wide range of flexible substrates.
- + Maximum stability and the tightest register tolerancing.

### Reproflex Scandinavia Prepress & Plate

Reproflex Scandinavia A/S 

- + Reproflex Scandinavia has a leading position in Scandinavia for prepress, service and flexo plates quality.
- + We cover the entire value chain from artwork, design, prepress, proofing, color management and flexo plate production.
- + We offer all kinds of Flexo solutions to the market, incl. SoftTone+ for smooth fadeout and Extended Gamut Printing.

You are welcome to contact us for further information.

#### XSYS

info@xsyglobal.com  
www.xsyglobal.com

#### Nilpeter

nilpeter@nilpeter.com  
www.nilpeter.com

#### Reproflex Scandinavia A/S

mail@reproflex.dk  
www.reproflex.dk

XSYS

Print solid. Stay flexible.