

XSYS

Print solid. Stay flexible.

nyloprint® & nyloflex®

SECURITY PRINTING PLATES

**For the perfect performance in
security printing**



Be
brilliant.

HIGHEST PRECISION AND RELIABLE QUALITY IN SECURITY PRINTING

In security printing several different print processes are used for the production of one product. XSYS's printing plates make a valuable contribution throughout. **Highest precision and reproducible quality** are the basic requirements for security printing – XSYS stands for this.

- Printing of fine text and guilloche patterns requires the highest possible precision. nyloprint® plates are utilised for such and similar tasks in **direct or indirect letterpress**. For special effects with solid and spot coating with UV varnishes the **nyloprint® WA 116 S Digital** is the perfect choice.
- For inking-up the gravure cylinders in intaglio printing presses the water-washable **nyloprint® poly chablon plates WS 230 S** are the perfect choice.
- In **intaglio printing** the nyloprint® gravure printing plate acts as the master form used in the galvanic processing of the actual printing plate. These plates make it possible to manufacture a complete form in one step, much quicker and easier than with conventional processing methods.
- **nyloflex® Gold A and nyloflex® Gold A Digital** have been especially developed for **inline and offline coating**. They can be used in sheetfed offset presses as well as in special application presses.



Be
brilliant.

nyloprint® & nyloflex® SECURITY PRINTING PLATES

- Higher print quality.
- Very high resolution – up to 10,000 dpi leads to a reproduction of finest details.
- Excellent solid density due to brilliant ink transfer.
- Brilliant halftone gradations-very smooth vignettes.
- Increased quality of information transfer due to digital imaging.
- Cost effective and environmentally friendly.
- No film costs.
- No chemicals for film development.
- Electronic filing of graphics, film storage is redundant.
- Easy and fast data exchange – worldwide.
- Increased production safety.
- Highest dimension stability.
- No defects caused by dust and damaged films.
- No data loss during transfer.
- Highly consistent especially when repeating plate processing.
- Very good durability for long print runs.

FOR SECURITY PRINTING- A MATTER OF TRUST

nyloprint®

Security printing plates

Water-washable poly chablon plates:

- nyloprint® WS 225¹
- nyloprint® WS 230 S
- nyloprint® WS 230 S Digital

Intaglio master plates:

- nyloprint® ST 52²

Coating plates:

- nyloflex® Gold A / Gold A 116 Digital³
- nyloprint® WA S¹/WA S Digital

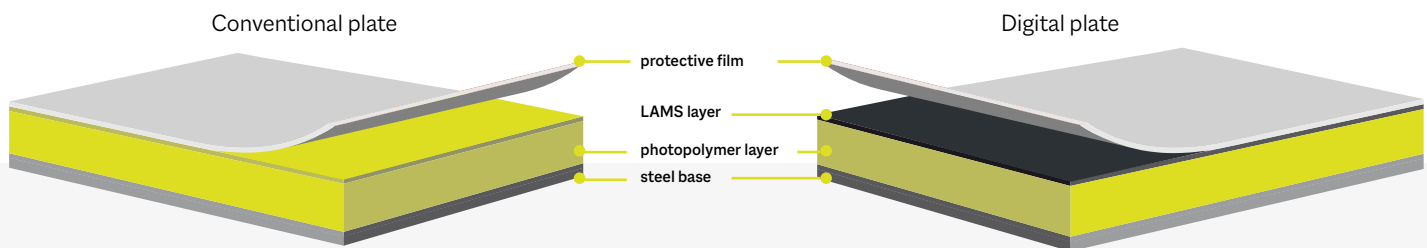
Direct and indirect letterpress plates:

- nyloprint® WS 43 / WS 43 Digital¹
- nyloprint® WS 58 / WS 58 Digital
- nyloprint® WS 73 / WS 73 Digital
- nyloprint® WS 83 / WS 83 Digital
- nyloprint® WS 94 / WS 94 Digital
- nyloprint® WS 73 W / WS 73 W Digital
- nyloprint® WS 83 W Digital
- nyloprint® WS 94 W Digital
- nyloprint® S 43²
- nyloprint® S 58²

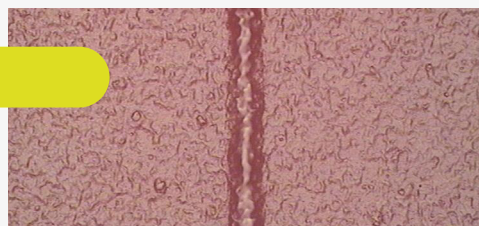
¹ Non-standard product ² Alcohol-washable printing plates ³ Solvent-washable printing plates

COMPARISON OF

nyloprint® conventional plate versus nyloprint® digital plate



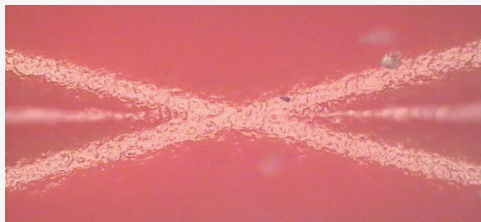
Negative line 10 micron



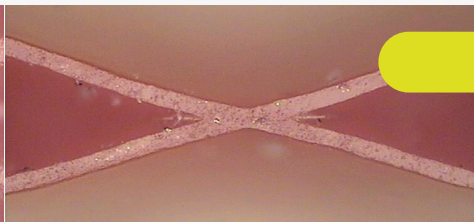
nyloprint® WS 73



nyloprint® WS 73 Digital



nyloprint® WS 73



nyloprint® WS 73 Digital

Positive line 10 micron

Please contact us for additional information.

info@xsysglobal.com • www.xsysglobal.com

Our technical documents are designed to inform and guide our customers. The information provided herein is accurate to the best of XSYS's knowledge; however, we accept no liability for any errors, inaccuracies, or opinions expressed. Customers are responsible for determining the suitability of this product for their specific application. XSYS assumes no responsibility for any loss incurred as a result of reliance on the information contained in this document. Product names followed by ® are registered trademarks of XSYS Germany GmbH and/or its affiliates.

XSYS 08-2025

Print solid. Stay flexible.



XSYS

Print solid. Stay flexible.