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Press Release

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XSYS launches nyloflex® XSN for superior performance and flexibility in narrow web printing

- **Ideal for narrow web applications using UV, water-based, and solvent-based inks**
- **Inherent flat-top dot plate compatible with both thermal and solvent processing**
- **Enhanced formulation with CleanRelease Technology for reduced downtime and plate cleaning**

Willstaett, Germany. 9 December 2024 – XSYS is proud to announce the launch of nyloflex® XSN, the newest innovation in flexographic plates designed for narrow web printing. This plate combines unparalleled performance with maximum flexibility, catering to the diverse needs of narrow web printers who require efficiency and versatility without compromising on quality.

“With the nyloflex® XSN, we’ve introduced a plate that empowers narrow web printers to meet rapidly changing market demands with confidence,” said Florian Hoelzle, Product Manager for nyloflex® plates at XSYS. “It’s unique flat-top dot structure and new CleanRelease Technology ensure cleaner plates, longer print runs, and minimal press downtime, making it a game-changer in the narrow web segment.”

Key Features and Benefits

Performance & Flexibility for Narrow Web

The nyloflex® XSN is a flat-top dot plate compatible with both thermal and solvent processing methods, providing printers with unmatched versatility. This dual compatibility allows seamless adaptation to evolving customer demands without the need for additional equipment or process changes.

CleanRelease Technology for Clean and Consistent Print jobs

Featuring the new CleanRelease Technology, the plate’s formulation prevents ink buildup on the plate surface. This innovation reduces the need for frequent cleanings and press stops, significantly improving Overall Equipment Efficiency (OEE).

Outstanding Compatibility with Various Ink types

The nyloflex® XSN is designed to perform exceptionally well with UV inks, as well as water-based and solvent-based inks. This compatibility ensures outstanding print quality across paper and film substrates.

Plug-and-Play with Existing Equipment

Engineered as an inherent flat-top dot plate, the nyloflex® XSN eliminates the need for additional exposure units or consumables. Printers can achieve superior results right out of the box, simplifying production workflows and reducing costs.





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Fast Turnaround for High-Pressure Environments

Thanks to its compatibility with both thermal and solvent processing, the nyloflex® XSN offers unparalleled flexibility for integrated printers needing quick design changes and efficient plate turnaround times.

Enabling Printers to be Brilliant

“At XSYS, our goal is to help customers achieve brilliance through innovative solutions that simplify production and enhance productivity,” said Florian. “The nyloflex® XSN embodies this vision by combining cutting-edge technology with practical usability, setting a new standard for narrow web printing.”

ABOUT XSYS

Headquartered in Willstaett, Germany, XSYS operates globally and remains one of the largest suppliers offering both flexographic and letterpress prepress solutions, including plates, sleeves, processors, workflow solutions, and expert professional services, designed to help these industries move forward with increasing innovation, improved productivity and profitability, and a reduced environmental footprint.

In recognizing our endeavor to bring more brilliance into the packaging industry – into the lives of our customers and colleagues – XSYS has achieved a Gold Medal rating from EcoVadis for its sustainability. This distinction goes beyond our commitment to protecting the environment by also evaluating our dedication to social responsibility, diversity, and human rights.

The broad XSYS portfolio comprises some of the industry’s best-known brands of consumables (nyloflex® and nyloprint® plates), plate processing equipment (Xpress, ThermoFlexX, and Catena), surface screening software (Woodpecker), plate mounting (rotec®), and washout solvents (nylosolv®). Brilliant products and services for brilliant print results and business success.