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Press Release

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XSYS announces the launch of nyloflex® FTM Digital flexo plate for printing with water-based inks

- ***Suitable for printing on paper substrates to meet sustainability demands***
- ***Enables printers to switch from solvent to water-based inks***
- ***Offers superior ink laydown and reduced costs***

Stuttgart, Germany. May 4, 2021 – The new nyloflex® FTM Digital plate with inherent flat top dots has been developed specifically for flexographic printing with water-based inks on different grades of paper substrates. The trigger for the development of this new plate solution is the acceleration in the demand for more environmentally friendly packaging production. As the market moves towards more sustainable substrates in response to those demands, XSYS is introducing the nyloflex® FTM Digital plate which enables printers to use water-based inks on coated and uncoated paper for aseptic food packaging and corrugated preprint liner.

“This latest addition to the nyloflex® plate portfolio will have a broad appeal for printers serving different segments of the packaging production wishing to move to a more sustainable operation, but still retain the ability to produce the highest quality products,” said Simon Top, Product Manager at XSYS. “The nyloflex® FTM Digital will help to fulfil the brand owners’ sustainability requirements by allowing printers to switch from printing on plastic film materials to printing on paper substrates with water-based inks.”

The nyloflex® FTM Digital is a medium hard plate with a smooth surface, bringing a good ink transfer and ink laydown out of the box and capable of reproducing sophisticated surface screenings in case this is required. With no need for additional equipment or auxiliaries, the plate can be exposed in existing systems with standard tube lights or LED UV-A light exposure, before solvent processing.

XSYS innovative inherent flat top dot technology ensures minimum dot wear and significantly less dot gain compared to round top dot plates, thereby also greatly improving press uptimes to reduce costs and start-up waste in the press room. Featuring advanced dot sharpening, the nyloflex® FTM Digital presents fine highlights and a high solid ink density in print, increasing the shelf appeal of the final product.

“The nyloflex® FTM Digital can be considered as the flat top dot counterpart of our well known nyloflex® ACT Digital plate,” explained Top. “The plate enables printers to easily tackle both coated and uncoated papers without the need to use two different plate types. In the past, a hard plate like the nyloflex® ACE UP and medium hard plate like nyloflex® ACT were often combined to achieve the optimum result. At one customer case, we were able to reduce this complexity for up to 60% of the print jobs by using the nyloflex® FTM Digital.” An additional benefit is the better plate filling that could be achieved and thereby reducing the plate waste and total plate cost in the plate making process.





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nyloflex® FTM Digital plates are commercially available in 1.14 mm (0.045 in) to 2.84 mm (0.112 in) thicknesses and in varying plate sizes. The nyloflex® FTM Digital plate material will be available for shipment as of May 31, 2021.

“As the optimum choice for long high-quality print runs on more sustainable substrates, the nyloflex® FTM Digital is the perfect response to the pressure from the market to find solutions that are better for the environment, but also cost efficient,” Simon Top concluded.

Take a look to the promo movie: [nyloflex_FTM – Simplify your life.](#)

ABOUT XSYS

Formed in January 2021 as a new division of Flint Group, combining Flint Group Flexographic and Xeikon Prepress into a single division, XSYS has been designed to bring more brilliance into the packaging industry – into the lives of its customers and colleagues – using brilliant products and services for brilliant print results and business success. It combines under one umbrella such well-known flexographic and letterpress brands as nyloflex®, Xpress, nyloprint®, nylosolv®, rotec®, FlexoExpert, ThermoFlexX, Catena, Tfx and Woodpecker, to provide a complete flexographic and letterpress prepress solution.

Headquartered Stuttgart, Germany, XSYS operates from more than 37 locations around the world and remains one of the largest global 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.

ABOUT FLINT GROUP

Flint Group is dedicated to serving the global printing and packaging industry. The company develops, manufactures and markets an extensive portfolio of printing consumables and printing equipment, including: a vast range of conventional and energy curable inks and coatings for most offset, flexographic and gravure applications; pressroom chemicals, printing blankets and sleeves for offset printing; photopolymer printing plates and sleeves, plate-making equipment and flexographic sleeve systems; pigments and additives for use in inks and other colourant applications; Flint Group also designs, develops and delivers web-fed digital colour presses for labels and packaging applications, document printing, as well as commercial printing as well as platemaking equipment for the newspaper industry and computer-to-plate (CtP) solutions for the commercial printing market; With a strong customer focus, unmatched service and support, and superior products, Flint Group strives to provide exceptional value, consistent quality and continuous innovation to customers around the world. Headquartered in Luxembourg, Flint Group employs some 6200 people. Revenues for 2020 were € 1.7 billion. On a worldwide basis, the company is the number one or number two supplier in every major market segment it serves. For more information, please visit www.flintgrp.com.