

Be
brilliant



Best in class quality with Woodpecker Nano and nyloflex®

Flat top dot plate nyloflex® FTH + Woodpecker Nano

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|-----------------------------|--|-------------------------------|--------------------------------|
| + Print Job: | CMYK + white reverse print | + Printing Plates: | nyloflex® FTH 114 Digital |
| + Anilox: | 420 lpc at 3.5 cm ³ /m ² | + Plate Exposure: | Tube exposure (8 min) |
| + Laser: | ThermoFlexX 80 D | + Tape: | Lohmann 5.3 (CMY) and 5.4 (KW) |
| + Surface structure: | Woodpecker Nano vs MCWSI (CMYK) | + Substrate: | OPP transparent 20 µm |
| | | + Printing Ink Series: | Flint Group - FlexiStar MV |

The Wild Bird Food print samples represent a 'typical' flexo printed, flexible packaging challenge. A CMYK design is printed 'reverse' using solvent based inks onto an OPP film with a white ink printed behind the four colour print. The objective of the test is to show how solid ink coverage and densities can be improved with Woodpecker Nano surface patterns.



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Combining nyloflex® FTH with Woodpecker Nano results in an **XSYS solution** that achieves **best in class quality**.



Very **high solid ink density** - black type is the same plate as process K

Better **ink laydown**

Improved highlight **dot gain**

No trail edge void



ThermoFlexX

Woodpecker Nano is a special surface pattern that utilises ThermoFlexX high-resolution optics. Surface Micro Structure (SµS) patterns are perfectly symmetrical and the finest available for LAMs layer digital flexo plates. Nano screening is not object or subject based and requires no decisions at the RIP stage.



nyloflex®

The inherent flat top dot plate **nyloflex® FTH** is developed especially for the flexible packaging market, to print on foil substrates with solvent-based inks. nyloflex® FTH can be processed with your standard solvent processing equipment. Its smooth surface is able to hold customized surface screening patterns (SµS).

There are different Wild Bird Food print samples available. On this sample you can compare nyloflex® FTH with Woodpecker Nano vs. standard surface screening. There is also a sample available, to compare our XSYS solution with a competitive solution.

You are welcome to contact us for further information.

XSYS

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XSYS
Print solid. Stay flexible.

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