

Be  
brilliant



## Best in class quality with Woodpecker Nano and nyloflex®

nyloflex® NEF + LED Exposure + Woodpecker Nano

- |                             |  |                               |                                |
|-----------------------------|--|-------------------------------|--------------------------------|
| + <b>Print Job:</b>         | CMYK + white reverse print   | + <b>Printing Plates:</b>     | nyloflex® NEF 114 Digital      |
| + <b>Anilox:</b>            | 420 lpc at 3.5 cm <sup>3</sup> /m <sup>2</sup>   | + <b>Plate Exposure:</b>      | LED Exposure                   |
| + <b>Laser:</b>             | ThermoFlexX 80 D   | + <b>Tape:</b>                | Lohmann 5.3 (CMY) and 5.4 (KW) |
| + <b>Surface structure:</b> | Sample 1: Woodpecker Nano (CMYK) vs. no surface screening<br>Sample 2: Woodpecker Nano vs MCWSI (CMYK) | + <b>Substrate:</b>           | OPP transparent 20 µm          |
|                             |  | + <b>Printing Ink Series:</b> | 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.



+



Combining nyloflex® NEF with LED Exposure and 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®

**nyloflex® NEF** is a high durometer plate designed for Flat Top Dot creation with LED exposure. nyloflex® NEF and LED exposure are a perfect match: Precise reproduction of the finest highlights, high solid ink density and improved ink lay-down in combination with surface screening.

There are different Wild Bird Food print samples available. On sample 1 you can compare nyloflex® NEF with Woodpecker Nano vs. no surface screening. On sample 2 you can compare nyloflex® NEF 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.

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**XSYS**  
Print solid. Stay flexible.

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