

Print solid. Stay flexible.

nyloflex® ACE UP

The standard in flexo printing with water based inks



<mark>Be</mark> brilliant.

SUPERIOR PRINT QUALITY AND EFFICIENCY

- **High durometer flexo** plate designed for excellent print quality.
- **Developed for water based** inks & a broad range of UV-inks.⁴ Also suitable for solvent based inks.
- Applications:

Be

brilliant.

- Corrugated Pre-Print
- Aspectic Pacakging
- Lables & Flexible Packaging
- **Excellent ink transfer** provides high ink density and homogenous, smooth solids, especially on paper substrates.
- **Sharp reproduction** of defined highlight areas, text, line work and barcodes.
- Reliable and consistent print results.
- Perfect adjustment to small diameter cylinders.









RELIABLE PRODUCTIVITY AND DURABILITY

- **Low surface** tack for less attraction of paper dust and dirt Improved storage properties of processed plates, which allow stacking without interleaves easy and convenient handling.
- **Long run life**, durability and stability during printing, especially under high press speed conditions.

nyloflex® ACE UP

- Superior printing quality with sharper images, more open intermediate depths, finer highlight dots.
- Increased productivity, reduced error rate and data transfer without loss of quality due to digital workflow.
- Consitent & Reliable quality on press and in plate processing.







ENSURES COLOR CONSISTENCY OF YOUR BRAND ON THE SHELF



The standard in flexo printing with water based inks

Moilsig

nyloflex® ACE UP Digital

114	170	254		
Polyester foil				
light green with LAMS layer				
1.14 (0.045")	1.70 (0.067")	2.54 (0.100")		
62	62	62		
78	70	66		
0.5-0.7	0.7-0.9	0.9-1.2		
1-98	1-98	2-98		
60	60	60		
100	100	100		
200	200	200		
	1.14 (0.045") 62 78 0.5-0.7 1-98 60 100	Polyester foil light green with LAMS layer 1.14 1.70 (0.045") (0.067") 62 62 78 70 0.5-0.7 0.7-0.9 1-98 1-98 60 60 100 100	Polyester foil light green with LAMS layer 1.14 1.70 2.54 (0.045") (0.067") (0.100") 62 62 62 78 70 66 0.5-0.7 0.7-0.9 0.9-1.2 1-98 1-98 2-98 60 60 60 100 100 100	

Processing parameters²

Back exposure (s)	25-45	50-70	60-85	
Main exposure (min)	8-12	8-12	8-12	
Washout speed (mm/min)	180-220	160-180	160-180	
Drying time at 60°C / 140°F (h)	2.0	2.0	3.0	
Post exposure UV-A (min)	8	8	8	
Light finishing UV-C (min)	4-8	4-8	4-8	

Processing information

Suitable equipmentThe nyloflex® ACE UP Digital can be processed with nyloflex® processing equipment and all similar devices and can be used with all laser systems suitable for imaging flexo printing plates.

Printing inksnyloflex® ACE UP Digital is suitable for all water based printing inks. It is also suitable for solvent based inks and conditionally suitable for UV inks (ethyl acetate content preferably below 15%, ketone content

preferably below 5%).

Washout solvents
Processing information

Especially good results are achieved with nylosolv® washout solvents. nylosolv® can be distilled and reused. A detailed description of the individual platemaking steps, as well as detailed information about processing and storing can be found in the nyloflex® User Guide.

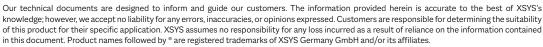
Certification

XSYS printing plates are produced at Willstätt production site, which is certified according to international standards for quality management (DIN EN ISO 9001:2015), environmental management (DIN EN ISO14001:2015) and energy management (DIN EN ISO 50001:2018).

1) Standard thicknesses currently available – subject to change 2) All processing parameters depend on, among other things, the processing equipment, lamp age and the type of washout solvent. A minimum exposure intensity of ≥ 17 mW/cm² is recommended. The above mentioned processing times were established under optimum conditions in our technical center. The standard test file with 149lpi was imaged at 4000DPI using a ThermoFlexX imager, 20 mW/cm² bank exposure, using nylosolv® A washout solvent and nyloflex® and ThermoFlexX Catena plate processing equipment. Under other conditions the processing times can differ from these; therefore, the above mentioned values are only to be used as a guide. 3) Depending on longevity of the tubes. 4) Suitability with UV inks is dependant on the ink type and temperature – these factors could affect the performance of the plate and consistency of the print.

Please contact us for additional information.

info@xsysglobal.com • www.xsysglobal.com





Print solid. Stay flexible.