FlintGroup
Flexographic Products

Rely on us.℠

nyloflex® printing plates

nyloflex® printing plates – overview

nyloflex®	ACE	AFC	FAB	FAH	ACT	FAR	FAM	ART	FHC	FAC	FCC	FSC
Plate hardness in Shore A	62	62	62	60	50	50	50	40	40	32	30	26
Conventional | Digital	C | D	C | –	– | D	C | D	C | D	C | –	– | D	C | D	C | –	C | D	C | –	– | D
Flexible Packaging	✓	✓	✓	✓	✓	✓	✓	✓				
Labels	✓	✓	✓	✓	✓	✓	✓	✓				
Corrugated – Preprint	✓	✓			✓	✓	✓	✓				
Corrugated – Postprint								✓	✓	✓	✓	✓

For details, please refer to the > nyloflex® technical data leaflet.

nyloflex® printing plates – to meet every challenge

nyloflex® ACE | nyloflex® ACE Digital

Sets the standard in high quality flexo printing

- Highest print quality combined with superior efficiency
- Superior cleaning behaviour – less press stops
- High solvent resistance – perfect for solvent based inks, also for water based and UV inks*
- Extreme durability – for long print runs
- Ideal for FTD technologies, i.e. nyloflex® NExT

nyloflex® ACT | nyloflex® ACT Digital

Excellent in combination printing

- Optimised for printing designs that combine halftones and solids in one plate
- For absorbent and non-absorbent substrates
- High solid density and minimum dot gain in halftones
- Wide exposure latitude and good relief depths
- Suitable for water and solvent based inks and conditionally for UV inks*

nyloflex® AFC

The alternative to digital plates

- Optimised for exposing with films that have been specially calibrated during exposure
- Finest halftones – similar to digital processing
- Very good relief depths due to wide exposure latitude
- Other applications and parameters correspond to nyloflex® ACE

nyloflex® FAR

Versatile and established plate for all substrates

- The all-rounder for standard applications
- Applicable for all absorbent and non-absorbent substrates commonly used today
- Suitable for the use with water and solvent based inks, conditionally suitable for UV inks*
- Robust, resistant and easy handling

nyloflex® FAB Digital

The resistant plate – especially for UV inks

- For high quality printing of labels and flexible packaging
- High flexibility, therefore perfect for small diameter printing cylinders
- Excellent exposure latitude even with small relief depths; short exposure times
- Wide tonal range for the reproduction of finest image elements

nyloflex® FAM Digital

Robust and flexible – for flexible packaging

- For a broad range of applications
- For clean print results on various substrates, from textured to even surfaces
- Robust and hard wearing, therefore extended press life and economical
- Highly resistant to solvent based inks, suitable for water based inks, conditionally suitable for UV inks*

nyloflex® FAH | nyloflex® FAH Digital

Established for use with UV inks

- For high resolution printing of labels, flexible packaging and folding cartons
- Fine vignettes and optimum ink coverage in solid areas
- Reverse elements remain open
- Suitable for UV inks and for alcohol based inks

nyloflex® ART | nyloflex® ART Digital

Ideal for printing on fibre based packaging

- For high quality postprint on corrugated board, for folding corrugated board, especially fine flute
- Preprint on kraft, test and uncoated liners
- High solid density and defined line work on all paper substrates
- Excellent and consistent ink transfer, especially with water based inks

nyloflex® printing plates – for corrugated postprint

nyloflex® FHC

Hard plate for standard applications in postprint

- Suitable for a broad range of substrates
- Very good ink transfer and area coverage
- Good intermediate depths with best contour definition
- Robust and durable material for long run life and high print run stability
- Convenient plate processing
- Reduced cleaning cycles

nyloflex® FCC

The durable standard in postprint

- Especially for printing on coarse corrugated fluted board, with uncoated and half-coated papers
- Ideal for retail packages with simple designs
- Very good ink transfer with excellent area coverage and high solid density
- Extremely robust and durable material

nyloflex® FAC | nyloflex® FAC Digital

Just brilliant – high performance in postprint

- Copes with all requirements – starting from print on rough and uneven substrates to pressure-sensitive and soft paper substrates
- Outstanding with challenging and multi-colour designs
- Very good ink transfer with excellent area coverage and high solid density
- Perfect adaption to corrugated board surfaces

nyloflex® FSC Digital

Soft plate for postprint – unique hardness in solid

- High print quality due to low plate hardness & digital processing
- Excellent solids coverage, particularly on low cost liners
- Very good ink transfer
- Cost efficient & reliable
- Long run life and superior durability
- Easy and convenient handling

nyloflex® printing plates – for special applications

nyloflex® FE

The specialist in white preprinting – developed for solid area printing

- High resistance against esters, ketones and alcohols, allows the application of solvent based 2-component inks for white preprinting
- Long run life with the use of UV inks
- High print run stability with good area coverage
- No register problems with rubber plates

nyloflex® Sprint | nyloflex® Sprint Digital

The gentle approach – pure water washout

- Water-washable photopolymer plate for flexo printing with UV inks
- No solvents are necessary during the washout process
- Excellent resistance against UV inks and varnishes
- Fast plate making process, complete within 30 minutes

nyloflex® printing plates – for print finishing

nyloflex® Gold A | nyloflex® Gold A Digital

Unique coating plate on aluminium base

- For high resolution printing, for solid and spot coating
- High register accuracy due to the dimensional stability of the aluminium base, even during repeated print runs
- Wide exposure latitude ensures good inter-mediate depths
- Suitable for dispersion and UV varnishes; for metal pigment and pearlescent inks

nyloflex® Seal F | nyloflex® Seal F Digital

Film based coating plate – unique in digital

- Developed for inline finishing in sheetfed offset presses with flexo coating units and for offline finishing in coating presses
- High resolution and high print contrast
- For spot and full surface coating on coated papers and board
- High stability even with UV varnishes and inks
- High dimensional stability due to thick polyester film

* 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.

You are welcome to contact us for further information!

Flint Group Flexographic Products
Sieglestrasse 25
70469 Stuttgart
Germany

T +49 711 9816-541
F +49 711 9816-801
info.flexo@flintgrp.com
www.flintgrp.com

2013-03