nyloflex® Gold A

nyloflex® Gold A Digital

Appealing by definition – photopolymer aluminium based coating plate for inline and offline print finishing

High register accuracy & reproduction of finest details

- Unique photopolymer coating plate on aluminium base
- Ideal 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

Advantages due to digital processing

- Superior printing quality with sharper images, more open intermediate depths
- Increased productivity and data transfer without loss of quality due to digital workflow
- Wide exposure latitude ensures good intermediate depths
- Good ink transfer of metal pigment (gold, silver) and pearlescent inks
- Suitable for dispersion and UV varnishes
- Consistency in quality when repeating plate processing
- Cost effective and more environmentally friendly in processing, as no film is required

Schematic of nyloflex® Gold A

nyloflex® Gold A coating plates are monolayer plates. They consist of a light sensitive photopolymer layer bonded to an aluminium base.
10 Standard thicknesses currently available – subject to change.

2 All processing parameters depend on, among others, the processing equipment, lamp age and the type of washout solvent. The above mentioned processing times were established under optimum conditions on nyloflex® processing equipment and using nylosolv® washout solvents. The values for the main exposure of digital plates were determined at an exposure intensity of \( > 15 \text{mW/cm}^2 \). Under other conditions the processing times can differ from these. Therefore the above mentioned values are only to be used as a guide.

nyloflex® Gold A can be processed with nyloflex® processing equipment and all similar devices. The nyloflex® Gold A Digital can be used with all laser systems suitable for imaging flexo printing plates.

nyloflex® Gold A coating plates are suited for water based dispersion and UV varnishes as well as for metal pigment and pearlescent inks.

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.

nyloflex® printing plates are manufactured according to DIN ISO 9001, DIN ISO 14001 and DIN ISO 5001 standards and requirements. This process guarantees our customers consistent high quality products and services.