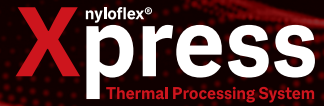


# No solvents. No waiting. No worries.



## nyloflex® XTP Digital

The thermal standard for high quality flexo printing with water based and UV inks



Technical characteristics	nyloflex® XTP 170 Digital
Colour of raw plate	light blue
Total thickness (mm   inch) <sup>1</sup>	1.70   0.067
Hardness acc. to DIN 53505	59
Plate hardness (Shore A)	69
Recommended relief depth (mm)	0.6
Tonal range (%)	2 - 98
at screen ruling (L/cm)	54
First stable dot on plate (%)	2.8
Measured dot size first stable dot (%)	2.3
Dot size 50% value (%)	47.6
Fine line width - down to µm	40-80
Isolated dot diameter - down to µm	200

Processing parameters <sup>2</sup>	
Back exposure (s)	20 - 40
Main exposure (min)	8
Post exposure UV-A (min)	8
Light finishing UV-C (min) <sup>3</sup>	4 - 6
UVA bulb output (mW/cm <sup>2</sup> )	≥17

Processing information	
Suitable equipment	nyloflex® XTP Digital plates may be exposed using any nyloflex® exposure system and all similar devices and can be used with all laser systems suitable for imaging flexo printing plates. nyloflex® XTP Digital plates must be processed with the nyloflex® Xpress Thermal Processor.
Printing inks	Suitable for all UV inks <sup>4</sup> and water based printing inks.
Processing information	A detailed description of the imaging, exposure and finishing steps, as well as detailed information about handling and storing, can be found in the nyloflex® User Guide.
High quality standard	nyloflex® printing plates are manufactured according to DIN ISO 9001, DIN ISO 14001 and DIN ISO 50001 standards and requirements. This process guarantees our customers consistent high quality products and services.

1) 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. 2) Standard thicknesses currently available - subject to change. 3) 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 > 17mW/cm<sup>2</sup>. Under other conditions the processing times can differ from these. Therefore the above mentioned values are only to be used as a guide. 4) Depending on the tubes lifetime.

**Please contact us for additional information.**

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