

# Processing and application of nyloprint® WKF40 & WKF40 Digital correction foil

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The **nyloprint® WKF40** and **WKF40 D** correction foil plate is a water washable plate with a thin polyester base. The digital version has a laser ablative mask layer (LAMS). The plate formulation is equivalent to the nyloprint® WF-H or WF-HD, but it is thinner and has a lower relief depth to meet the requirements for small correction or replacements.

Plate thickness: 0.43 mm (0.017")  
Relief depth: 0.27 mm (0.0106")

## Application

The nyloprint® WKF 40/D is used in order to make small changes within existing processed steel based nyloprint® plates, such as small letters, numbers, logos or especially date codes.

The nyloprint® WKF 40/D has to be fixed on the steel base of the printing plate by a double sided adhesive tape. It is recommended to keep the height of the correction foil, including the adhesive tape, a little lower than the relief height of the printing plate in order to avoid the cut edges of the foil being visible in the print.

## Examples

	nyloprint® WS 73	nyloprint® WS 83	nyloprint® WS 94	nyloprint® WA 175
Relief depth	0.46 mm (0.018")	0.56 mm (0.023")	0.67 mm (0.026")	0.67 mm (0.026")
Adhesion tape	0.03 mm (0.0019")	0.10 mm (0.0039")	0.20 mm (0.0079")	0.20 mm (0.0079")



Print samples on beverage cans

## Plate processing parameters\*

Main exposure time: approx. 2 min  
Washout time: approx. 1 – 2 min at 28 °C  
Drying time: 10 min at 60 °C  
Post exposure time: 2 min.

\* on processing equipment from XSYS. The laser parameters for the digital version according to the nyloprint® User Guide. Suitable equipment: nyloprint® WKF plates can be processed with nyloprint® processing equipment and all similar devices. nyloprint® WKF Digital plates can be used with all laser systems suitable for imaging letterpress plates.