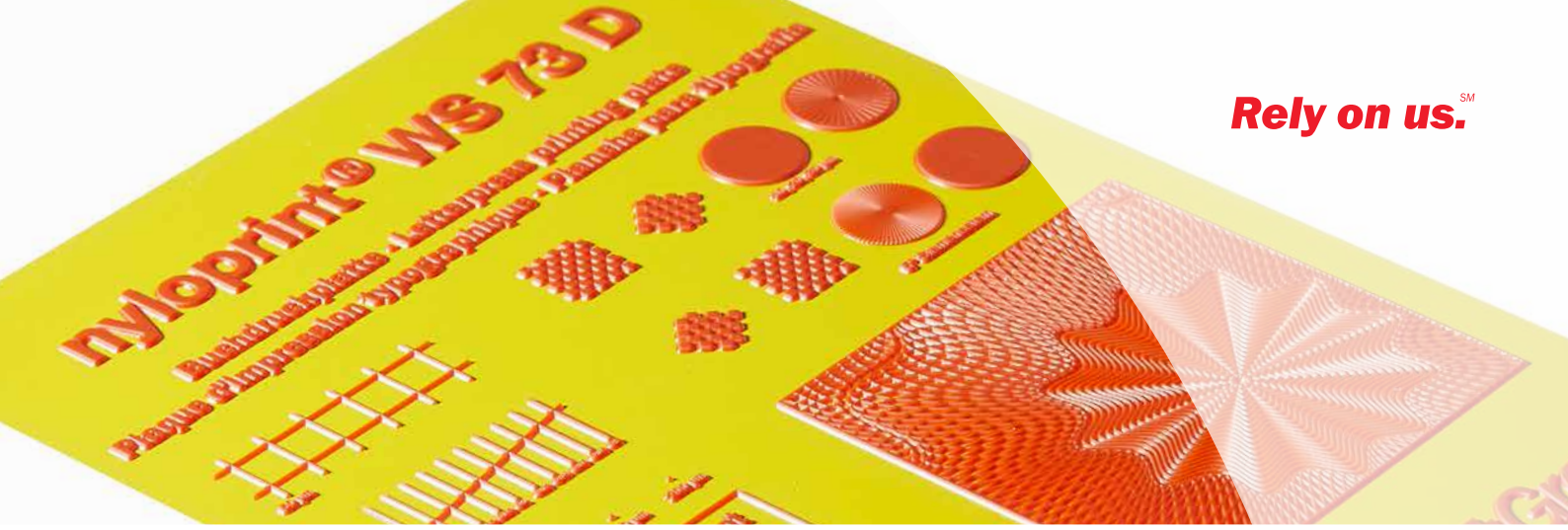


**Rely on us.**<sup>SM</sup>



# nyloprint<sup>®</sup> WS 73 S Digital

**Soft, steel based letterpress printing plate for brilliant quality in coating and printing of special effect inks**

## Product features

- **Wide range of applications**
  - Ideal for high quality demands in coating and printing with special effect inks (UV-/oil-based)
  - Suitable for rotary letterpress, coating units, imprinting units and printing presses for special applications
- **Highest print quality**
  - High resolution – up to 10,160 dpi
  - Excellent solid density due to brilliant ink transfer of the soft relief layer
  - Very good durability for long print runs
  - Reliably reusable for repeat orders
- **Efficient, constant and fast plate processing**
  - Wide exposure latitude combined with high intermediate depths
  - Highly productive and cost effective due to plate processing within 25-35 min
  - Reduced down times on press due to fast replacement of plates

## Advantages of nyloprint<sup>®</sup> Digital

- **Higher print quality**
  - Reproduction of finer details and less dot gain due to digital imaging
  - High dimensional stability
  - No defects caused by dust and damaged films
  - No data loss during transfer
  - Smoother plate surface can achieve higher density
  - Highly consistent especially when repeating plate processing
- **Cost effective and environmentally friendly**
  - No film costs
  - No chemicals for film development
  - Electronic filing of graphics, film storage is redundant
  - Easy and fast data exchange – worldwide

**FlintGroup**

# nyloprint® WS 73 S Digital

nyloprint® WS 73 S Digital <sup>1</sup>					
73					
<b>Technical characteristics</b>					
<b>Base material</b>	steel				
<b>Colour of raw plate</b>	red				
<b>Total thickness<sup>2</sup> (mm)</b>	-	-	<b>0.73</b>	-	-
<b>(inch)</b>	<b>(0.029")</b>				
<b>Plate hardness (Shore D)</b>	-	-	<b>48</b>	-	-
<b>Relief depth (mm)</b>	-	-	<b>0.46</b>	-	-
<b>(inch)</b>	<b>(0.018")</b>				
<b>Tonal range (%) at screen ruling</b>	<b>2 – 95 at 60 l/cm (150 lpi)</b>				
<b>Fine line width (down to µm)</b>	-	-	<b>100</b>	-	-
<b>Isolated dot diameter (down to µm)</b>	-	-	<b>200</b>	-	-
<b>Distortion factor (mm)</b>	-	-	<b>3.85</b>	-	-
<b>(inch)</b>	<b>(0.152")</b>				

<b>Processing parameters<sup>3</sup></b>	
<b>Main exposure (min)</b>	<b>1.0 – 3.5 (without vacuum film)</b>
<b>Washout at 30 °C / 86 ° F (min)</b>	<b>1.0 – 3.5</b>
<b>Drying time at 80 °C / 176 ° F (min)</b>	<b>10 – 15</b>
<b>Post exposure (min)</b>	<b>2</b>

<sup>1</sup> non-standard product

<sup>2</sup> standard thicknesses currently available – subject to change

<sup>3</sup> All processing parameters depend on, among others, the processing equipment and lamp age. The above mentioned processing parameters were established under optimum conditions on nyloprint® 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.

## Suitable equipment

nyloprint® WS-S Digital plates can be processed with nyloprint® processing equipment and all similar devices and can be used with all laser systems suitable for imaging letterpress plates.

## Printing inks and varnishes

Suitable for UV and oil based inks and varnishes.

## Washout medium

For washout only tap water is needed.

## Processing information

A detailed description of the individual platemaking steps, as well as detailed information about processing and storing can be found in the nyloprint® User Guide.

## High quality standard

nyloprint® 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.

## Please contact us for additional information.

**Flint Group**, Sieglestr. 25, 70469 Stuttgart, Germany • T +49 711 9816 389 • info.flexo@flintgrp.com • www.flintgrp.com

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted. Product names followed by ® are trademarks registered by Flint Group (represented by Flint Group US LLC or Flint Group Germany GmbH). Rely on us<sup>SM</sup> is a service mark of Flint Group.

**FlintGroup**