# INNOVATION AT WORK

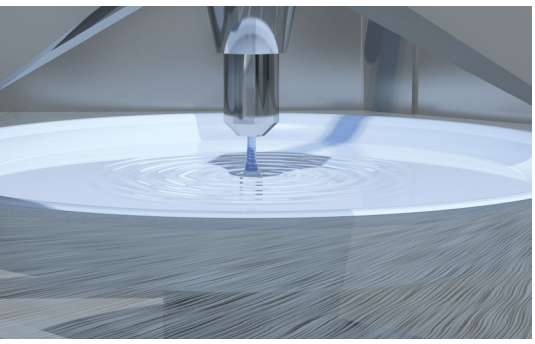
## PAPER CONDITIONING BY REMOISTENING WITH SILICONIZATION

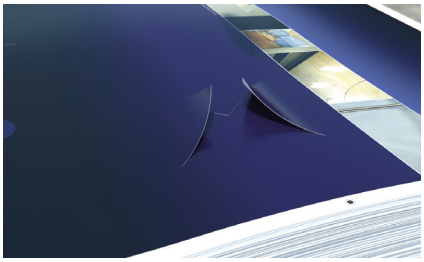
IN DIGITAL PRINTING, PAPER LOSES ITS ORIGINAL PROPERTIES THROUGH THE INFLUENCE OF HEAT, E.G. WHEN THE INK DRIES, AND RESPONDS BY:

- **Paper Curl**
- **Waviness**
- **Electrostatic charging**
- **Paper break during folding**

ON STRONG COATED PAPERS ADDITIONAL PROBLEMS COULD BE SEEN:

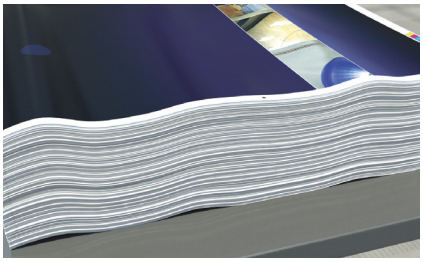
- **Marking / set-off**
- **Smearing**





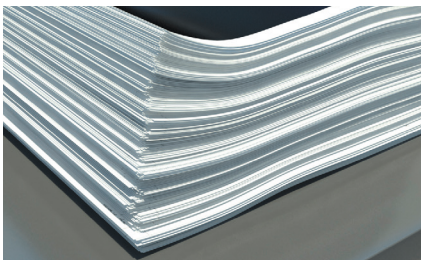
**Paper Curl**

Paper becomes prone to curling and has poorer running characteristics in turn hampering its further processing and handling.



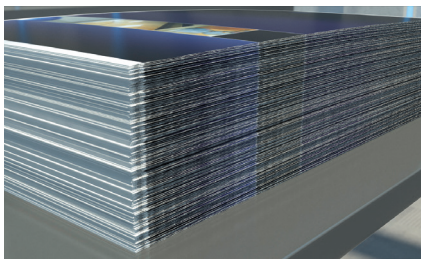
**Waviness**

Paper waviness impairs the quality of the final product, which must be avoided.



**Electrostatic charging**

Poor stacking and running characte-ristics causing trouble in finishing and more waste.



**Paper break during folding**

Breaking of the brochure spine after folding is very annoying, in particular on paper which is printed allover.

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# PROTECT YOUR FRESHLY PRINTED SURFACE

weko SiliCon | weko SiliCon Pro

**WEKO-DigiCon** remoistening unit optimizes the general product quality and improves the efficiency of your continuos digital inkjet production. Both systems easy retrofitting.



With **WEKO-SiliCon** or **WEKO-SiliCon Pro** you have the perfect match to protect your fresh printed surface with a small amount of one or two silicone emulsion while remoistening.

Both systems are easy to retrofit.

## HANDLING

- Precise and reproducible application
- Both side different application amounts adjustable (DP-version)
- No material stress based on non-contact application

## EFFICIENCY

- Low energy consumption
- On/Off selection per Job
- Low cost of ownership due to minimal wear parts and maintenance workload

## TECHNICAL DATA

- High speed production up to 250m/min
- 100% speed compensation
- Tailored systems for 22″, 30″, 42″ and other paper widths
- No mechanical adjustments needed

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