

INNOVATION AT WORK

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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



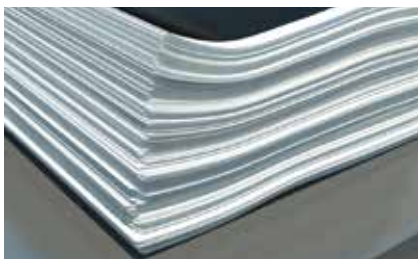
Paper Curl

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



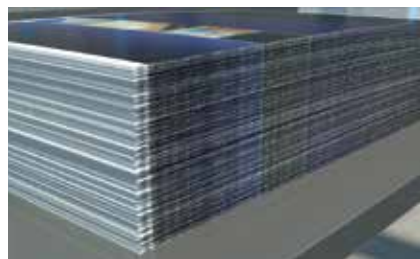
Waviness

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



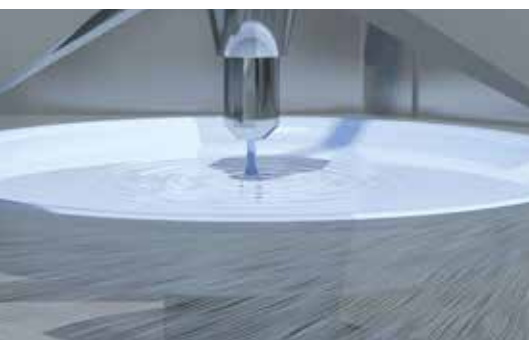
Electrostatic charging

Poor stacking and running characteristics 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 all over.



PROTECT YOUR FRESHLY PRINTED SURFACE

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SiliCon

WEKO-DigiCon remoistening unit optimizes the general product quality and improves the efficiency of your continuous digital inkjet production.

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

Both systems easy retrofitting.



Marking and smearing of not fully dried ink on heavy coated papers is prevented by adding a small amount of silicone emulsion to the paper surface directly after the drying section before rewinding or postpress. With the **WEKO-SiliCon** you could easily have all the advantages of **WEKO-DigiCon** remoistening and put an additional surface protection in a single pass. Prepare your production perfectly for the future and impress your customers with perfect print products without paper curl, waviness, electrostatic charging and paper break during folding.

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

