

# INNOVATION AT WORK

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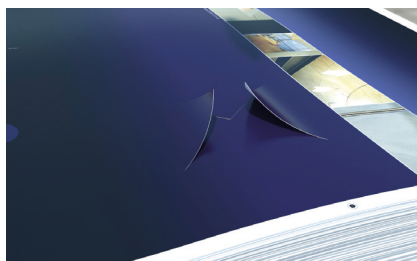
## PAPER CONDITIONING BYREMOISTENING WITH SILICONIZATION

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



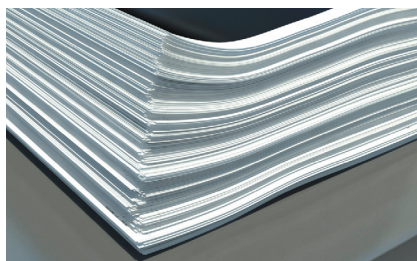
### Paper Curl

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



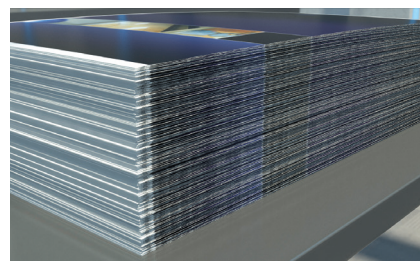
### Waviness

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



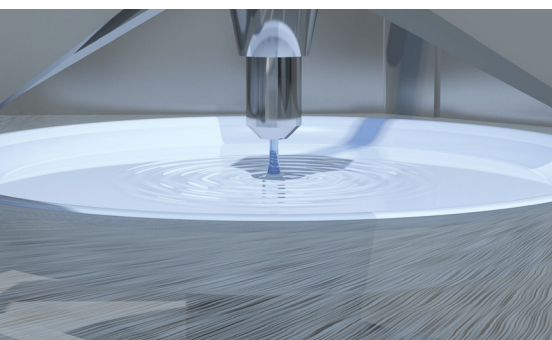
### Electrostatic charging

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

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YouTube Video



[www.weko.net](http://www.weko.net)