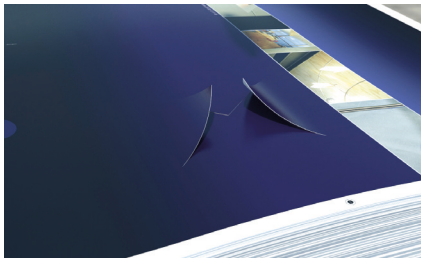
PAPER CONDITIONING BY REMOISTENING WITH SILICONIZATION

In digital printing paper loses it´s original properties through the influence of heat, e.g. the ink and the paper are dried differently by heat and responds by:

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

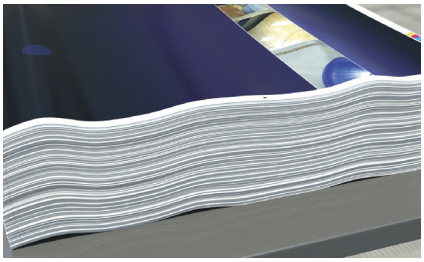
On strong coated papers additional problems could be:

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



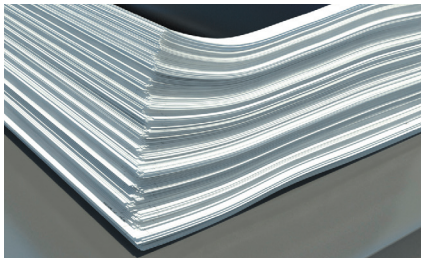
Paper Curl

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



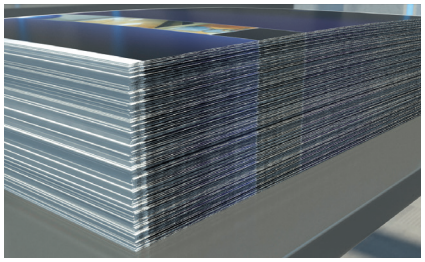
Waviness

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



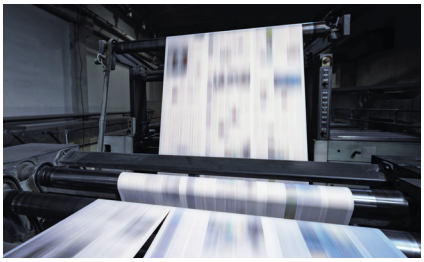
Electrostatic charging

Poor stacking and running characteristics causing trouble in finishing and more waste.



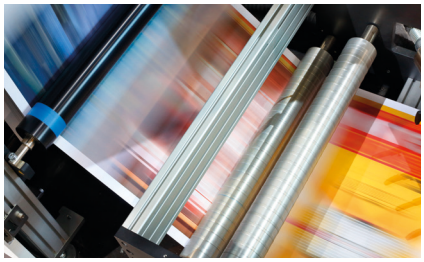
Paper break during folding

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



Marking / set-off

Blocking of the paper table and tearing off of ink areas as the ink can´t dry.



Ink smearing

Adding a small amount of silicone emulsion to the paper surface after drying prevents ink smearing on heavy coated papers.

Weitmann & Konrad GmbH & Co. KG
Friedrich-List-Straße 20–24 · 70771 Leinfelden-Echterdingen · Germany
Tel. +49 711 7988 0 · Fax +49 711 7988 114 · sales@weko.net

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PROTECT YOUR FRESHLY PRINTED SURFACE

weko SiliCon | weko SiliCon Pro

The challenges can be solved in one step by remoistening with additional silicone.

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





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

Weitmann & Konrad GmbH & Co. KG
Friedrich-List-Straße 20–24 · 70771 Leinfelden-Echterdingen · Germany
Tel. +49 711 7988 0 · Fax +49 711 7988 114 · sales@weko.net

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