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DOUBLE-SIDED SIMULTANEOUS COATING STATION FOR SILICONE APPLICATION

Release liners e.g. for adhesive tapes or graphic products sometimes need double-sided siliconizing. The KROENERT multi roller double side coating unit is suitable to provide double-sided coating in one shot. In combination with a non-contact air turn and an efficient flotation dryer a highly productive system for release liners is offered.

This feature cuts down on costs for equipment and operations and minimizes environmental impact. The simultaneous coating of the front and back of paper webs substantially prevents paper from drying out and the coating machine can be considerably shorter in length, taking up less space. As only one dryer is needed, this process is very resource-efficient and consumes less energy. Moreover, the system requires less operators, allowing one person to oversee two coatings at the same time. The siliconizing unit can also be utilized for one-sided coating and operate flexibly with other substrates and silicones at any time.

The system can be part of a new line and can also be retrofitted in existing facilities. Precondition for retrofits is an existing flotation dryer, which is already installed in many plants, which will be combined with a non-contact air turn in front of the dryer.