

Corrugated Wax Coating

Wax Coating & Control



In the corrugating industry, wax coating is often applied to the corrugated product. Having the correct amount of wax or the presence of wax is critical during the manufacturing process. With the help of industry partners and 30 years of knowledge, MoistTech has developed the *IR 3000* Moisture Sensor which is ideally suited to measure the amount of wax coating that is being applied to the corrugated product. As a result, corrugators improve their product quality, reduce their wax consumption and improve their cost savings.

Installation....

By installing the sensor after the coating head, a manufacturer can continuously monitor the process either manually or automatically. The sensor can also interface with the plant wide network system, as well as providing digital reading at the coating station.

Benefits....

- improved product quality
- lower energy costs
- reduced start-up times
- less waste
- 100% product inspection
- less downtime

MoistTech is very experienced with the requirements in the wax coating process. Our sensor calibrations, measurement wavelengths, algorithms and sensor optical requirements are pre-set at the factory. Typical accuracy is about $\pm 0.1\%$ gsm. Typical analog ranges are from 2-60 gsm. Stability on certain applications is within 0.002 gsm. The outputs can be adjusted to optimize PLC or recording requirements. For addition information or to discuss your application, please contact our headquarters.

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