

Kurita PJ-Technology for Paper Dryer Sections

- Improves heat transfer efficiency
- Decreases steam consumption
- Increases productivity
- Reduces energy consumption
- Lowers total cost of ownership



Heat transfer efficiency for paper dryer sections

Kurita PJ, a proven product line of the innovative Kurita Dropwise-Technology, provides excellent application results and significantly reduces the total cost of ownership.

Hydrophobic sur-

face by Kurita PJ

Features

Kurita PJ

chemical

hyrophobic protection film

- Kurita PJ is added directly to the steam, and a hydrophobic surface is formed inside the dryer cylinder.
- Adsorption of the product on the metal surface forms a hydrophobic film that improves heat efficiency. Continuous chemical injection promotes a hydrophobic surface.
- Kurita PJ offers excellent corrosion inhibition.

Dryer inner surface

Fig. 1: Adsorption of Kurita PJ on metal surface forming a



- No capital investment is required.
- The Kurita PJ-Technology is a reliable and proven chemical treatment for paper dryer systems.
- The Kurita Group has a long experience in boiler and steam treatment.



Fig. 2: Steam consumption without and with Kurita PJ



HEADQUARTERS

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