



Industry
Corrugated

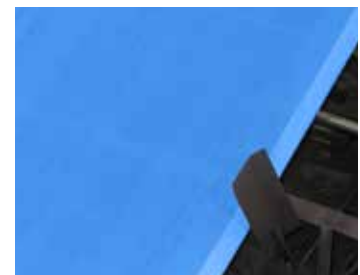
Product
Amdryer Belt

Process
Double Backer



Reducing Production Costs in Corrugated Board

Situation A multinational paper and packaging company asked Ammeraal Beltech to help reduce energy and maintenance costs in the double backer section of their corrugator line in Poland. The double backer is the heart of the corrugator line and has high electricity consumption to drive the heavy felt belt and high steam usage to dry the glue. In addition the belt stretches and gets contaminated with glue, requiring regular costly service calls to clean the belt and adjust the length.



Solution Ammeraal Beltech recommended replacing the existing belt with its Amdryer belt, a highly permeable spiral fabric. This unique construction is very light so it requires significantly less drive power. Thanks to its spiral weave the Amdryer is much more permeable than conventional belts reducing steam consumption belt and can be joined seamlessly. Amdryer has low elongation, meaning that the belt length doesn't need to be adjusted during its life. What's more, the low-adhesion polyester material prevents glue build-up reducing maintenance costs.



Benefit The porous belt structure delivered an immediate reduction of 25% in both power consumption and steam usage. Following minor adjustments to the line, the belt was installed in only 4 hours, a 30% reduction in the normal fitting time. Also they no longer need to pay for additional weekly belt cleaning or mid-life servicing.

In addition the site is also experiencing less wastage as the seamless belt doesn't damage the board, further increasing their margins.

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