

Tissue & Towel Producer Simplifies Yankee Coating/Release Program While Improving Productivity & Profitability



BACKGROUND

A Tissue & Towel producer was using six different chemistries for their Yankee Coating and Release program, making their program very complex and difficult to manage. The Tissue & Towel producer needed to reduce the intricacy of their program, but could not risk losing productivity or profitability when changing their program.

SITUATION

A Tissue & Towel producer was struggling with managing their intricate Coating & Release program and needed a solution to reduce the complexity. They needed to qualify a simplified Coating & Release program without impacting their grades and machine runnability.

SOLUTION

Nalco Water recommended the use of Navigator™ 64821 (Adhesive), Nalco 64700 (MAP), and Nalco 64603 (Modifier).

RESULTS

As a result, there was a 3 percent increase in production due to increased reel speeds across all grades. The customer was able to achieve a softer coating, reduced dusting, and simplified their chemistry program with no adverse effects on the paper machine's operation.

CONCLUSION

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ANNUAL SAVINGS



HUMAN HEALTH & SAFETY

Simplified chemical program minimizing employee chemical exposure and risk



ASSETS

Better protection of Yankee Dryer due to increased coating softness



PRODUCTIVITY

Increase reel speed and creping efficiency



TOTAL VALUE DELIVERED

Increased annual profit of
\$455,400

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