

# 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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