nPak™ C Doctor Blade Life

Challenge  
On the TAD chrome rolls of a 6,000 fpm tissue machine in the U.S., fiberglass blades were used but only lasted three weeks and did not keep the rolls clean. Since the roll is very smooth, a lot of stickies adhere to the roll surface. Additionally, the environment is very hot, which limits the available blade materials.

Solution  
The nPak C doctor blade was successful in improving both blade life and cleaning efficiency. It is now used in eight positions across two machines.

Results  
Despite the blade cost being 3 to 4 times higher than previous blades, the mill recognized the true value of the nPak C doctor blades.

Highlights
- Extended blade life
- Reduced downtime
- Improved wear rate