UltraKleen™ Doctor Blade

Challenge  At a Northeast U.S. mill making light-weight coated paper, a competitor’s carbon and glass blade was used on the gloss calender rolls. The machine ran at 3,400 fpm and all holders were DST. The blades lasted six weeks but were unable to remove the haze from the roll surface which caused quality problems on the sheet.

Solution  Despite a corporate directive to use competitor blades, mill personnel installed an UltraKleen doctor blade and it was successful in cleaning the haze from the gloss calender rolls.

Results  UltraKleen doctor blades are now used on four gloss calender rolls at this mill and they have done a great job removing the haze and allowing the mill to maintain a consistently high-quality sheet.

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