Challenge
A Midwest U.S. mill making MG paper ran Bronzeflex™ doctor blades on the cast iron MG roll (last top dryer) on a twin doctor with Conformatic XL holders. For several years, the dryer can surface regularly required spot repairs often every other shutdown. Additionally, the Bronzeflex doctor blades had to be changed several times each shift.

Solution
SynTek Plus doctor blades were installed and blade life increased to 4 to 5 days, but more importantly, the dryer can has run for years now without any repairs.

Results
Despite higher blade costs, mill personnel have seen first-hand the value of having the right blade for the application. They no longer have to change blades throughout the day or repair the dryer from damage caused by a blade. While most MG dryers continue to run SteelFlex™ or Bronzeflex doctor blades, a synthetic blade like the Syntek Plus doctor blade may help to improve blade life and eliminate the need to worry about roll damage in this position.