The ultimate polyurethane roll cover solution for tissue pressure rolls.

Advanced Roll Cover Technology
Technology
Rebel is available in a wide hardness range and all venting combinations of suction, blind drilled and grooved. Rebel pressure roll covers provide superior nip conditions for tissue quality and machine efficiency. The excellent hardness stability of Rebel polyurethane assures a uniform Yankee/Pressure Roll nip over the life of the cover that is not typically achievable with rubber covers. Since the first installation in 2007, Rebel has opened the door to the future of Yankee pressure roll extreme performance covers.

Pressure Roll Venting
Due to Rebel’s superior physical properties, grooving is now possible in suction and blind drilled roll cover applications. Combined with the engineered surface of our press felt designs, we engineered a system with the highest potential to meet paper machine operating objectives for sheet quality, machine efficiency and energy conservation. Rebel covers provide the extreme abrasion resistance required for extended regrind intervals and reduction in overall maintenance costs. In addition, Rebel covers are designed to deliver the best tissue quality and machine productivity.

Benefits
1. Stable dynamic properties provide consistent pressure roll nip intensities for faster start-ups, and minimize process variability caused by summer to winter operating temperature changes.

2. Consistent roll cover hardness throughout the cover life delivers sustained superior nip conditions and tissue quality with less cross machine variability, increased drainage control and less variation of the nip peak pressures.

3. Superior tensile and tear strength greatly improve the damage tolerance compared to standard covers operating today, opening the safe operating window when the Yankee profile is difficult to match.

Increase post pressure roll consistency and improve pressure uniformity with engineered combinations of suction, blind drilled and grooved venting.

For more information contact your Xerium representative today, or visit Xerium.com.