Hyperpress X
Xtreme TS

Tissue roll cover solutions for superior running conditions and long life in both conventional and TAD pressure roll applications.
Technology
Developed by Stowe Woodward’s global research and product engineering team, Xtreme covers are high strength, extremely tough rubber materials that are cool running and maintain very stable nip conditions. Xtreme technology is tailored to specific cover application requirements to provide superior machine efficiency and sheet quality. Designed specifically for hardness stability, toughness, bond strength, and nip uniformity, Xtreme TS and Hyperpress X roll covers provide superior running conditions and long life in both conventional and TAD pressure roll applications.

Benefits
• Superior Stowe Woodward bonding system including the high performance, high temperature Lifegard II for high speed non-water-cooled pressure roll applications
• Extremely cool running for the highest bond strength and outstanding tolerance to biased loads
• Stable dynamic properties for consistent nip conditions with variable operating temperatures
• Superior hardness stability to maintain Yankee / Pressure Roll fit throughout the life of the cover
• Outstanding abrasion resistance for long running cycles
• Extremely high tear and tensile strength to minimize or eliminate the potential for pressure roll cracks from localized loading issues associated with the Yankee shape at sheet edges
• Cover hardness and venting engineered specifically for your tissue grade to complement felt performance and provide maximum machine efficiency and sheet quality

Application
Hyperpress X and Xtreme TS are designed to operate in all Yankee Pressure Roll applications. Your Stowe Woodward Engineer will review your application and design the right cover for your machine requirements and tissue properties.

Xtreme TS is the best overall performance rubber cover, combining the highest bond strength with outstanding hardness stability, abrasion resistance and damage tolerance. This long life cover runs extremely cool and maintains a very stable nip environment which makes it very tolerant of loading bias and localized overloads.

Hyperpress X is designed specifically for hardness stability using both material science and specific manufacturing methods. Using Stowe Woodward’s superior co-cured bonding systems and maintaining high material strength, Hyperpress X is a very tough cover tolerant of loading bias and localized overloads.

Hyperpress X and Xtreme TS are available with:
• Advanced Lifegard II bonding system for non-water-cooled operation in high speed, high load TAD and blind drilled pressure roll applications.
• Wide hardness and thickness range to provide the correct nip conditions for your conventional and TAD tissue machines.
• All drilled venting options (These covers can be engineered to complement felt design for maximum post pressure roll consistency, machine runnability, and sheet properties).

Combining roll cover technology with Xerium's felt technology can provide significant improvements to your tissue machine performance and sheet quality.