UltraKleen™ X Doctor Blade

The UltraKleen X doctor blade is designed to remove fine debris from high-temperature rolls. The capability for rapid break-in coupled with longer life ensures consistent cleaning and conditioning across the entire surface of the roll. Micro-polishing action is achieved through the implementation of a custom profile and bevel geometry, resulting in uniform blade wear and the ability to self-profile to the surface of the roll. These features are enhanced through a proprietary engineered resin system and a combination of unique fiber weaves.

The UltraKleen X doctor blade is capable of continuous use at temperatures exceeding 570°F (299°C) while still efficiently removing surface debris and “haze” on calender finishing rolls. Consistent removal of “haze” will allow the calender or super calender to produce a higher quality sheet while reducing the number of roll grinds necessary.

Overview

Features
- Rapid break-in and long life
- Suited for surface conditioning applications
- Micro-polishing resulting in uniform wear and self profiling action
- Capable of exceeding 570°F (299°C)

Benefits
- Removes surface debris and “haze”
- Extends roll cover life
- Excellent high-temperature lead transfer capability

Applications
- Calenders, dryers, and MG cylinders