The development of the PolyCarb doctor blade technology has resulted in a highly efficient doctor blade for soft roll cover materials. The PolyCarb doctor blade material has a thin profile, similar to fiberglass blades, but is significantly softer.

By combining polyethylene with carbon reinforcement the stiffness is enhanced, resulting in improved doctoring and increased wear resistance compared to conventional polyethylene doctor blades.

This unique blade couples the softness of a conventional polyethylene doctor blade and the life and cleaning properties of a fiberglass doctor blade to deliver high performance doctoring to wet end rolls.

Overview

Features
- Glass-free, ultra high molecular weight polyethylene and carbon
- Blade thickness 0.100” (2.54 mm)
- Carbon content improves blade life
- Low friction

Benefits
- Patented material enables a thin profile while remaining gentle
- Enhanced machine direction stiffness improves doctoring and prevents hydroplaning
- Safe for use on soft covers

Applications
- Wet end applications including press rolls, breast rolls, wire rolls, couch rolls, and suction rolls

PolyCarb™ Doctor Blade

PolyCarb blade will not wear the roll surface like fiberglass blades, resulting in fewer roll changes.

PolyCarb blade will not roughen the roll surface like fiberglass blades, resulting in longer wire life.