The DuroTek doctor blade is recommended for applications where traditional plastic blades have not been successful. The ability to provide a thinner plastic blade, as compared to traditional 0.250” (6.35 mm) thick polyethylene blades, allows improved cleaning efficiency. The high temperature resistance and chemical stability makes it an ideal choice for hot and wet environments.

Overview

Features
- Thickness: 0.117” (2.97 mm)
- Excellent chemical resistance, especially to low pH (2 to 6) and bleaches
- Stable mechanical and dimensional properties in hot/wet environments
- Typical maximum operating temperature 250°F (120°C)*

Benefits
- Limited blade deflection
- Excellent load transmittance
- Improved cleaning efficiency and water removal
- Chemical stability
- Extended blade life

Applications
- Wet end such as felt rolls, wash rolls, top press, couch, and suction pick-up rolls

*Contact Kadant representative if application temperature is greater than 250°F (120°C).