A doctor blade will only effectively clean the roll surface as long as its tip, or bevel, remains strong enough to do so. The PlusTek doctor blade uses a high performance fiberglass with enhanced epoxy resin engineered to increase the longevity of the blade and its bevel over that period of time. Longer life translates directly to fewer blade changes, while maintaining the level of cleaning necessary to improve drying performance.

Building on the innovative brands of Vickery, Lodding, and Web Systems, Kadant is recognized as a leader in the development and manufacture of doctor blades, blade holders, and doctor systems. We offer a wide range of patented metal and synthetic blades for application-specific installations, and a full line of profiling equipment for curl control and improved moisture profiles during coating, laminating, printing, and sheeting processes.

### Overview

#### Applications

The PlusTek doctor blade is designed for rolls where increased cleaning capability or extended life is required. Some of the more common applications are press rolls, dryer cylinders, calender rolls, and hard rubber-covered wet end rolls.

#### Features

- Fiberglass with enhanced epoxy resin laminate
- Temperatures up to 180°C (355°F)
- Minimum thickness: 1.4 mm (0.055“)

#### Benefits

- Significant reduction in frictional drag
- Reduces energy consumption
- Improved cleaning
- Improved wear life and bevel integrity