**Summary Section**

### Applications

The nPak G doctor blade is designed for rolls where the removal of contaminants is particularly challenging and extended blade life is required.

Some of the more common applications include heavily contaminated lead-in dryers, nest dryers, tough to clean wash rolls, hard-rubber press felt rolls, and some calender rolls.

### Features

- Fiberglass with nanotechnology-enhanced resin composite
- Temperatures up to 365° F
- Standard thicknesses: 0.047” and 0.075”

### Benefits

- Nanotechnology toughened resin improves wear life and leading edge integrity
- Reduced operating costs
- Fewer blade changes

A doctor blade will only effectively clean the roll surface as long as its leading edge remains strong enough to do so. The nanotechnology-enhanced resin matrix is engineered to increase the longevity of the blade and its leading edge. Longer life translates directly to fewer blade changes and lower operating costs while maintaining the cleaning function necessary for machine efficiency.

Kadant is recognized as the leader in development and manufacture of doctor blades, doctor blade holders, and doctoring systems. We offer a wide range of patented metal and synthetic blades for application-specific installations.