The CarboTek 500 doctor blade is a high carbon content blade with very high temperature resin. The blade is strategically constructed with carbon fibers at the core for long life. The blade is excellent for rolls used in roofing shingle manufacturing and carbon fiber manufacturing.

**Competitive comparison and trial results**
On certain high temperature calendar rolls, the roll surface is so high it causes the resin to break down and thermally degrade and results in excessive blade wear rates. With its HT resin the CarboTek 500 doctor blade is able to provide sufficient life while shedding the sheet, or fibers from the roll surface.

The CarboTek 500 doctor blade is a preferred alternate to metal blades because the latter has a tendency to scratch and otherwise damage roll surfaces, especially if the roll is polished or Chrome plated. The CarboTek 500 doctor performs well under these conditions without damaging any roll surface. This is especially the case with rolls used in roofing shingle manufacturing as well as carbon fiber manufacturing.