Carbon fiber maintains the same strength as metal blades, but with the kindness to the roll surface offered by composite materials. The CarboTek 100 doctor blade is a 100% woven carbon blade which provides excellent life in many different applications across the paper machine. The outcome is a blade which cleans like metal, lasts significantly longer, weighs less, and reduces the friction between the roll and the blade tip.

Unlike traditional woven carbon fiber, the CarboTek 100 doctor blade design significantly reduces the tufting seen at the leading edge of woven designs. No fiber bundles are exposed as the adjacent CD fibers break away and allow water and contaminants to pass the blade. The CarboTek 100 doctor blade provides a clean, more uniform edge that delivers extended operating life and increased cleaning efficiency.

**Overview**

**Features**
- 100% carbon fiber and epoxy resin laminate
- Maximum temperature: 365° F (185° C)
- Minimum thickness: 0.055” (1.4 mm)

**Benefits**
- Optimum wear life
- Efficient cleaning without damage to roll surface
- Extra strength for sheet shedding positions
- Reduced frictional drag

**Applications**
- Sheet shedding positions
- Ceramic roll surfaces