

Carbon fiber web guide rollers



Carbon fiber web guide rollers are designed to ensure precise handling and accurate guidance of continuous materials throughout printing, converting and industrial processing lines. Their lightweight construction combined with exceptional structural stiffness minimizes vibration, improves web tracking accuracy and reduces roller deflection, even over long spans. These characteristics contribute to greater process stability, improved product quality and increased production efficiency, particularly in high-speed manufacturing environments. Every Fibercompositi web guide roller is custom-designed according to the customer's specific requirements. Geometry, laminate configuration, materials and mechanical properties are optimized to achieve the best possible performance for each application. Typical applications include:

- Flexographic printing presses
- Paper converting
- Plastic film processing
- Tissue converting
- Laminating lines
- Coating systems
- Slitting and rewinding equipment
- Packaging machinery
- Nonwoven production lines

Each roller is manufactured entirely in-house using **Filament Winding technology**, ensuring excellent



dimensional consistency, repeatability and long-term reliability.