

CyKlon[®] carbon fiber bridge mandrel for CI flexo presses

The sustainable solution for high quality printing



3 grades of performance

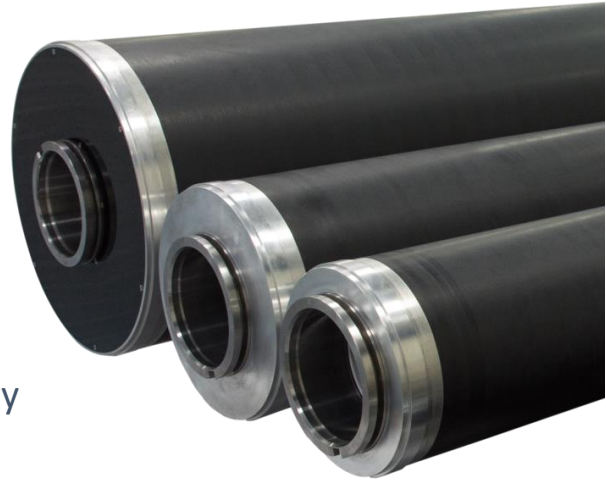
- CyKlon[®] **Essential**
- CyKlon[®] **Evolution**
- CyKlon[®] **Star**

Superior printing quality

- Speed up to **800m/min**
- Patented K1[®] **bouncing mitigation** technology

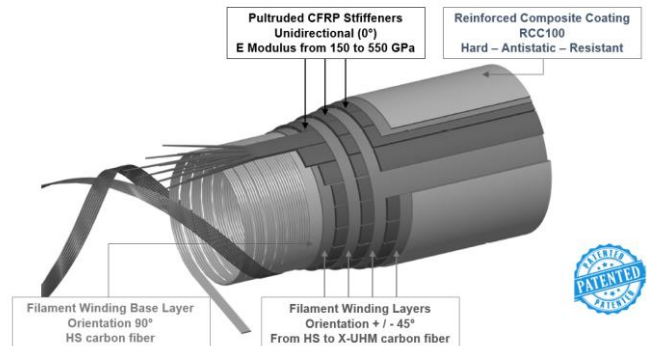
Built to last

- **Self-serviceable** for optimum performance throughout its entire life
- **Robust** design for extended longevity : 7.000 CyKlon[®] in operation worldwide



Epsilon composite: the carbon fiber experts

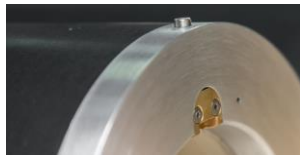
- From ultra-deep offshore to aerospace, Epsilon Composite designs, develops and manufactures the finest carbon fiber components for the most demanding environments
- As a long-years established supplier of the leading printing press manufacturers, its Epsilon Rollers division offers the patented and proven K1[®] technology directly to the printing and the packaging industries



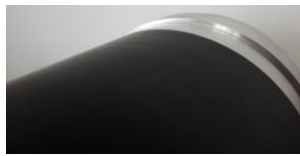
Product features

Clamping	Pneumatic	Hydraulic
Printing speed	Up to 800 m/min	
Printing formats	Stork : F360 to F2000	
Printing width	800 mm to 2.800 mm	
Total deflection	Down to 15 µm	
Air flow system	Available both Flow-Through or Side-Air Max pressure 8 bars @ 12 l/min	
Compatibility	Adapted to all kind of sleeve under Stork standard	
Journals / ends	Aluminum ends or thermoplastics	Stainless steel or bi-material
T.I.R	T.I.R _{max} = 0,010 mm	T.I.R _{max} = 0,005 mm

Smart products for flexo print shops



- Metallic ends for robustness and splinters protection
- Interchangeable pin and key for extended life-time
- Ring stopper for sleeve durability



- Conductive and wear resistant 85 Shore D repairable coating
- K1[®] patented air system to guaranty security and avoid blasts
- Light weight design to ease handling



- Ball spring air valves for a clean and efficient pneumatic system
- Colored fittings oriented toward pin to fasten job change
- Handling ring for operator convenience

Premium services

- Operator training at factory acceptance test
- On-site CyKlon[®] health monitoring with frequency analysis
- **Air Max** upgrade to add new air holes on CyKlon[®] surface
- Self serviceable **Easy Fix** maintenance kit
- **Extra Life** program for warranty extension

