CyKlon®

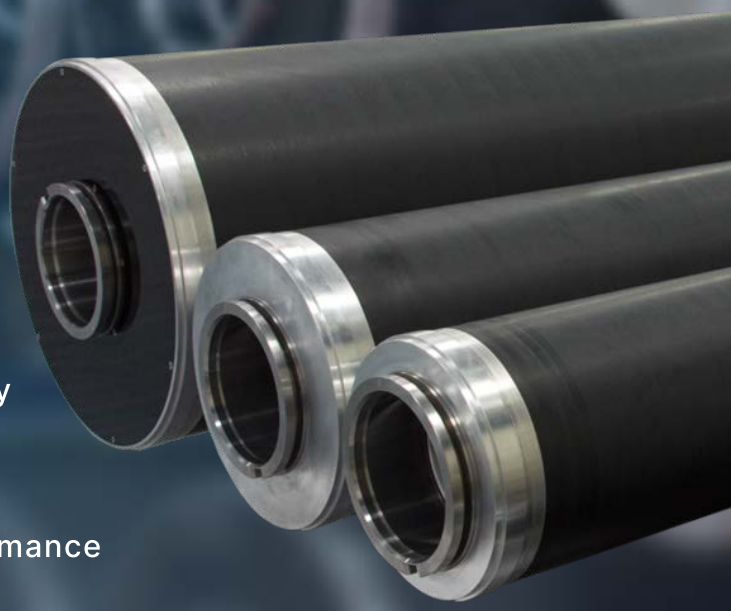
Carbon fiber bridge mandrels for CI flexo

The sustainable solution for high-quality printing

ENERMOF
Global Industrial Supply

3 grades of performance

- CyKlon® Star
- CyKlon® Evolution
- CyKlon® Essential



Superior printing quality

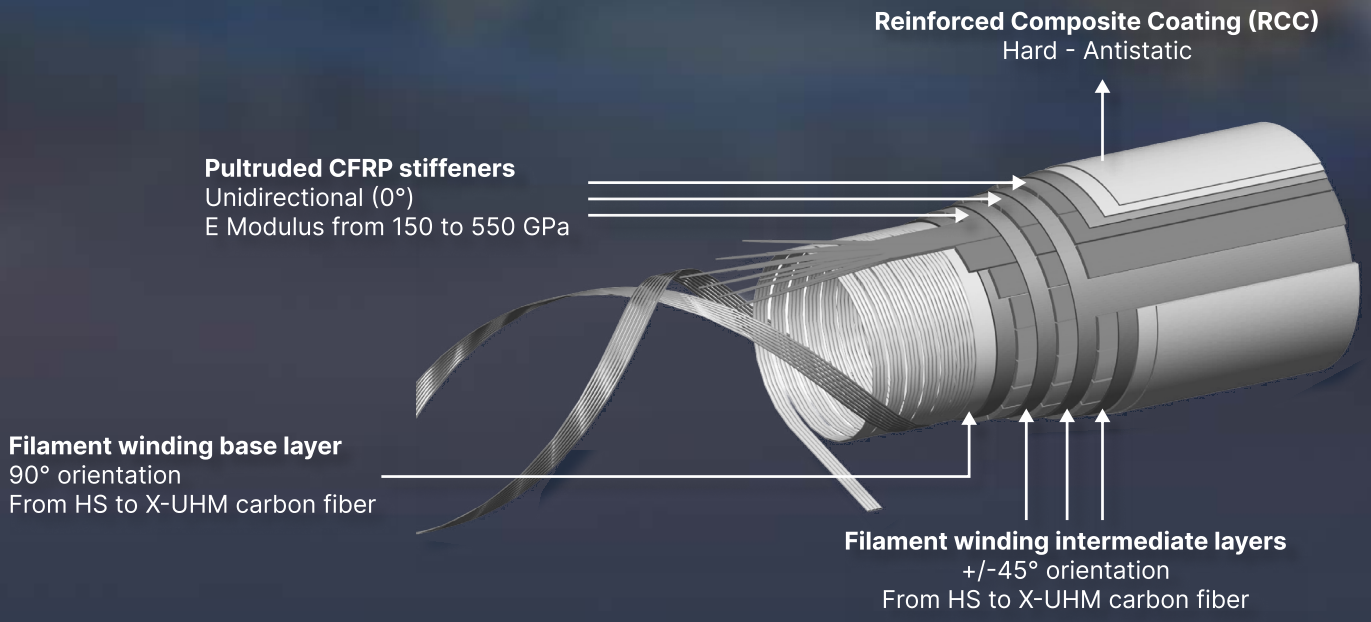
- Speed up to 800 m/min
- Patented K1® bouncing mitigation technology

Built to last

- Self-serviceable for optimum lifetime performance
- Robust design for extended longevity
- 7,000 CyKlon® in operation worldwide

The K1® technology: Unmatched dynamical stability

A unique manufacturing process combining pultrusion and filament winding for superior mechanical performance



Enermof Group: info@enermof.com
WhatsApp: +852 6219 9696

ISO 9001 CERTIFIED

GOLD | Top 5% ecovadis Sustainability Rating 2024

CyKlon® product features

Clamping	Pneumatic	Hydraulic
Printing speed	Up to 800 m/min	
Printing formats	Stork: F360 to F2000	
Printing width	800mm to 2.800mm	
Total deflection	Down to 15µm under 1N/mm load	
Air flow system	Available in both Flow-Through and Side-Air | Max pressure 8 bar @ 12 l/min	
Compatibility	Adapted to all kinds of sleeves according to Stork standard	
Journals / ends	Aluminum or thermoplastics	Stainless steel or Ni-based 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 protection against splinters
- Interchangeable pin and key for extended lifetime
- Ring stopper for sleeve durability



- Conductive and wear-resistant 85 Shore D repairable coating
- K1® patented air system to guarantee safety and prevent bursts
- Lightweight design to ease handling



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

Premium services

- Operator training during factory acceptance testing
- On-site CyKlon® health monitoring with frequency analysis
- Air Max upgrade to add new air holes on the CyKlon® surface
- Self-serviceable Easy Fix maintenance kit
- Extra Life program for lifetime extension





Epsilon Composite. Version 1.10
Do not litter

ENERMOF Global Industrial Supply

Enermof Group: info@enermof.com
WhatsApp: +852 6219 9696

ISO 9001 CERTIFIED

ecovadis GOLD | Top 5% Sustainability Rating 2024