

# Bridge Sleeve Line:

# Carbocyl Premium

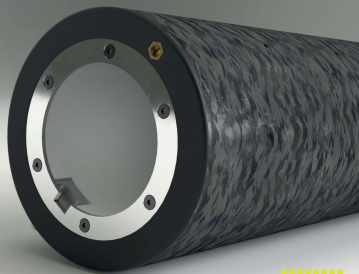
*Bridge Sleeve made of carbon fiber and epoxy-based resins.*

Due to the exceptional properties of the carbon fiber, CARBOCYL sleeve offers the lowest weight of its kind, excellent mechanical properties, dimensional stability and high conductivity of the static current.



## Main Properties

- Optimal discharge of static current due to the excellent conductive properties of the carbon fiber.
- Carbocyl has the lowest weight of its kind, and excellent dimensional stability, preserving its precise measures for longer.
- Resistance to aggressive solvents. Completely encapsulated, it avoids the absorption of solvents and moisture.
- The exclusive alveolar structure confers the product an optimum balance between strength, stability and low weight.
- Internal Protection:  
Metal protective ring on the notch side to avoid internal damages.
- Lateral sides protected by anti-impact material.
- Suitable for high speed printing.
- Smooth mounting and good fixation on the mandrel.
- Optimum distribution of surface air allowing easy mounting/dismounting of the sleeves.



## Technical specifications

- Tolerance:  
TIR  $\leq 0.015\text{mm}$   
(Mounted on a mandrel with a  $\leq 0.005\text{ mm}$  TIR Outer Diameter  $\pm 0.015\text{mm}$ )
- Hardness:  
75 - 80 shore D.
- Working temperature:  
 $16^{\circ}\text{C} - 40^{\circ}\text{C}$ .
- Working pressure and flow rate:  
6 - 8 bar and 12 liters/sec.
- Electrical Resistance:  $< 0.1\text{ M}\Omega\text{m}$ .
- Available with a layer thickness from 12 mm to 150 mm, for air bridge sleeve and flow-through bridge sleeve. Ask for bigger sizes.