

Bridge Sleeve Line: Carbocyl MIX

Bridge Sleeve made of carbon fiber, fiberglass, epoxy based composite materials.

Excellent dimensional stability and very low weight due to the alveolar design developed to deal with great thicknesses.



Main Properties

- Optimized version of Statcyl Bridge Sleeve with improvements in the conductivity of the static current. This product, used together with Statcyl Sleeves, allows a right static current drain that is generated during printing process.
- 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.
- Optimum distribution of surface air allowing easy mounting/dismounting of the sleeves.
- Suitable for high speed Printing.
- Smooth mounting and good fixation on the mandrel.
- The protective ring on both sides not only prevents damages on the flexible central tube caused by the mandrel pin during mounting, but also confers a powerful protection to the Bridge Sleeve ends ensuring a longer life and avoiding damages due to careless handling



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: $< 0.5\text{ MOhm}$
- Available with a layer thickness from 12 mm to 150 mm, for air bridge sleeve and flow-through bridge sleeve. Ask for bigger sizes.