

Carbon BS

Best in class Carbon Fiber Bridge

Bridge sleeves are commonly used on flexo presses to reduce sleeve weight, wall thickness and cost. Modern press productivity is sometimes offset by the nature of designs, causing vibration/bounce and visible streaks.

The **Carbon BS** Pneumatic Bridge technology offers exceptional dynamic response with exceptional reduction of bounce/visible streaks when it comes to printing demanding designs, as well as very low weight



Features and benefits:

- Higher printing productivity thanks to structure damping properties and exceptional rigidity
- Reduced weight, especially on high wall thickness
- Smooth installation on press and quicker make ready

Replaceable register insert	Shock absorbing facias	Sealed ventilation
		

Technical datas

APPLICATION	Pneumatic plate mounting bridge Alternative to hydraulic clamped bridge systems
CONSTRUCTION	High Modulous carbon fibre
VENTILATION	Either via mandrel (flow through) or separate air supply
TOLERANCE ON OUTER DIAMETER	Nominal +/- 20µm
TOLERANCE ON TIR	20µm
SURFACE	Extremely durable Epoxy & technical fabrics
WALL THICKNESS RANGE	From 16 to 100mm
WIDTH RANGE	From 500 to 2000mm
STORK DIAMETER RANGE	From 210 to 1400mm
WEIGHT REDUCTION	Varies according to geometry
THERMAL EXPANSION	Nil in standard operating conditions
CONDUCTIVE	Fulfill ATEX 95 requirements
AIR SUPPLY	6 bars @ minimum 12l/sec
CLEANING	Any solvent compatible with UV, solvent and water based inks



Trelleborg Printing Solutions is an operating unit within Trelleborg Coated Systems, part of the Trelleborg Group. It has over 50 years of experience in the printing industry. This knowledge is combined with innovative technology, patented processes, vertical integration and total quality management. Trelleborg Printing Solutions offers a wide range of products for the Offset, Digital and Flexographic printing technologies worldwide. Axcyl® offers first class solutions for plate mounting and bridges sleeves to answer all types of Flexo applications.

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