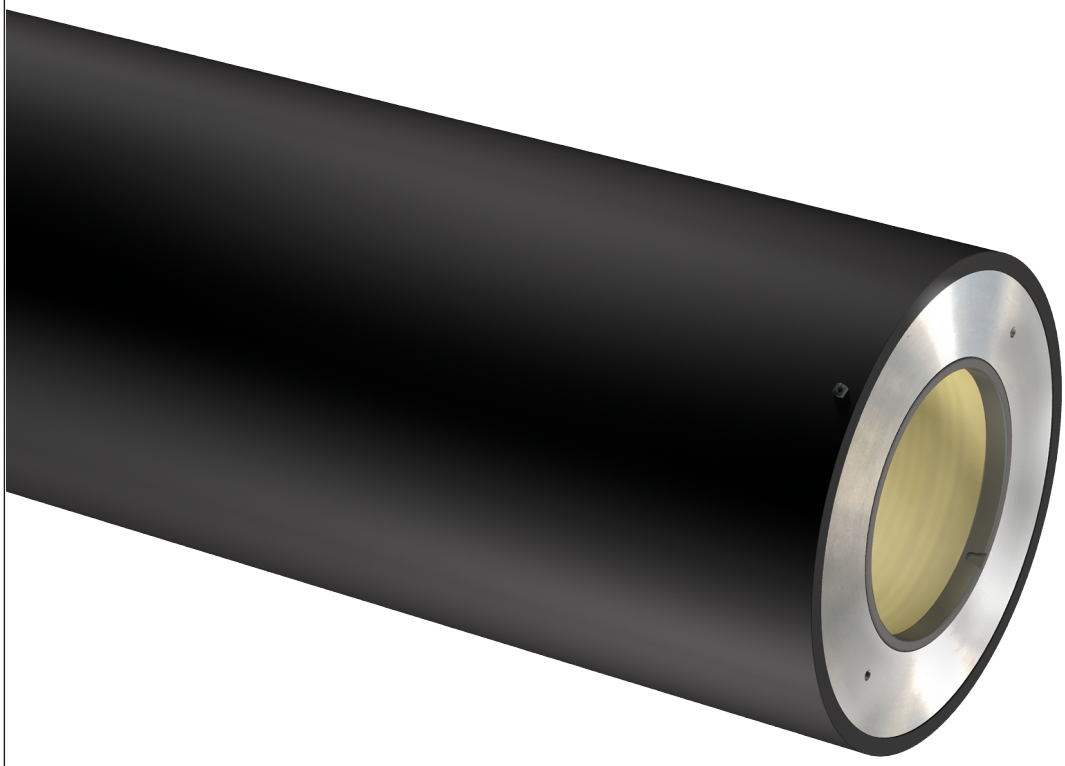
CarboBridge HM



3 years warranty

antistatic sleeve

hardness 75 ShD

HD print level

humidity resistant

manual handling

mechanical resistance

protection ring optional

PTB Norm compliant

Pneumatic adapter to reduce plate mounting sleeve thickness. It enables an important reduction in weights facilitating the manual handling of the loads with considerable savings over time in machine preparation (job change). Made in HM (high modulus) carbon fibre, it has lower mechanical deflections when comparedto the steel, it reduces the vibrations and gives an added value to the printing quality at high speed.
Compatible with all Rossini plate holder sleeves.

Optional metal ends that improve its resistance to impact and wear over time.

Available in versions: Standard or Flow Through technology.
Rossini patent no. 2844476

structure

Fibreglass base sleeve. Outer support in high module (HM) carbon fibre tube. The aluminium or carbon fibre side flanges guarantee total resistance against humidity and solvent penetration.

specifications

Colour	Black
Max Diameter	700 [mm] // 27.559"
Min/Max Length - Tolerance UNI:ISO 2768T1m	350 - 2.850 [mm] // 13.78" - 112.205"
Thickness	7,5 - 70 [mm] // 0.295 - 2.756"
Surface hardness - Tolerance +/-5 Shore D	75 Shore D
Electrical resistance	<1 MOhm
Compressed air for sleeve/carrier assembly	6 - 10 [bar] // 87 - 145 PSI Minimum capacity: 700 [l//min] with air input having a free passage with D => 8[mm]
Operating temperature	18° - 40 °C // 64,4 - 104 °F
Max printing speed	600 [m/min]
Register notch	Protection steel ring with interlock register notch Integrated
Side flanges	Standard: Aluminium - Optional: Carbon fibre
Working tolerance	External finish with precision grinding (Ra=0.8) with T.I.R. < 0.02 mm] when measured on a mandrel with T.I.R. <= 0.005 [mm]
Cleaning and Storage	Use ethanol with an additional max 20% of ethyl acetate; store vertically
Warranty	3 year

Rossini S.p.A. provides no warranties that the contents of this document demonstrate, in particular, the fitness of the products it contains for any specific purpose; we therefore ask customers to verify in advance that the product's characteristics are suitable for its intended use. Rossini S.p.A. reserves the right to update this publication and periodically modify its contents, including technical/commercial information, without further notice of the amendments or changes made. This document and any logos, trademarks and specifications etc. it contains are protected by copyright laws with all rights reserved.

Rossini World
Italy • France • Spain
Germany • United Kingdom
Romania • Brasil • China
United States • India

Rossini S.p.A. HeadQuarters
Via de Gasperi, 5
20027 Rescaldina - Milano - Italy
Tel. +39 0331 47 27 11 - Fax +39 0331 57 97 46
comm.dept@rossini-spa.it

WWW.ROSSINI-SPA.IT