



rotec[®] Atlas Adapter

Adapter with carbon-fibre structure for maximum printing performance

Available as rotec[®] Atlas Airo Adapter with wall thicknesses from 23.8 mm¹ to 125 mm

Available as rotec[®] Atlas Unifit Adapter with wall thicknesses from 20.7 mm to 125 mm

Special sizes available on request

¹ for dedicated air connection (Ø 6 mm): 15.9 mm to 100 mm

Product advantages

- For high printing press speeds and outstanding printing results
- Significantly lighter than conventionally manufactured products – especially with greater wall thicknesses
- Low vibration and vibration-damping due to carbon-fibre structure
- Easy mounting of printing sleeves using compressed air
- High repeat steps possible
- Quick set-up times and easy handling
- Cost saving due to reduced wall thickness of printing sleeve
- Can be combined with various types of sleeves

Product features

- Equipped with customised air conduction system
- Adaption to existing customer-specific carrier system – technical details are required for the optimum function
- Suitable for conventional cylinder presses and quick change cantilevered machines
- Alternative to hydraulic clamped systems
- Strengthening of the complete construction (cylinder + rotec[®] Atlas Adapter + sleeve)
- Ideal for repeat bridges in digital imagers (CtP)
- Extremely durable fibre-free and hard polyurethane surface
- Aluminium blanks for diameter bridging at both ends of the rotec[®] Atlas Adapter – prevent damages to fibre-glass base
- Metal-reinforced notch or interlock notch with position mark on opposite end
- High-precision grinding (TIR ≤ 0.025 mm) measured on carrier cylinder at TIR ≤ 0.005 mm
- Tolerance of face-length according to DIN ISO 2768 T1 c
- Conductive with rotec[®] Ω-Surface Technology*

*The regulations of ATEX 95 concerning electrostatic derivation ability are fulfilled.

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Schematic of rotec® Atlas Airo Adapter – with own air connection



¹ Air hole arrangement only shown schematically. Design depends on adapter width and diameter.

Schematic of rotec® Atlas Unifit Adapter – with air flow from the cylinder



¹ Air hole arrangement only shown schematically. Design depends on adapter width and diameter.

You are welcome to contact us for further information.

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