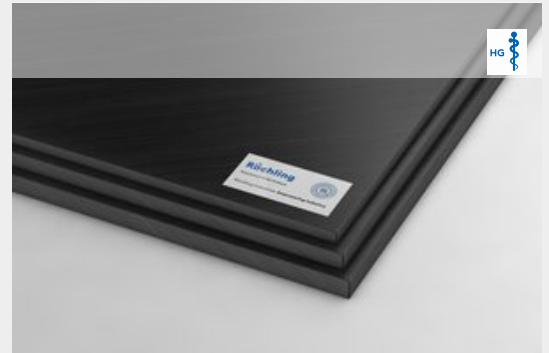


Polystone® P HG HI

PP

High-performance polypropylene especially for the Healthcare industry

In addition to its good hot steam sterilizability, this special material has good machinability and excellent chemical resistance. Polystone® P HG HI is a copolymer with increased impact strength. This unique property profile makes it perfect for components for respiratory equipment or for applications in the pharmaceutical industry, either as a distribution unit, components for drug production or in chromatography.



Operating in the following industries

 Healthcare

Extended characteristics



Sterilization resistance

After 200 cycles of heating steam sterilization at 134°C, 10 minutes, 3.1 bar chamber pressure, it shows no change in mechanical properties or color.



Biocompatibility

Tested on the semi-finished product and approved in accordance with ISO 10993-5. Further test series are available on request.



High flexibility

A wide range of colours and dimensions are available. Please contact us directly – we will be happy to answer your questions.



Quality Management

The highest level of quality and performance in products, processes, the safety and health of our employees and the careful use of resources.



Good machinability

Polystone® P HG can be processed very well within narrow tolerances using conventional CNC machines. The material is also dimensionally stable.

Röchling Industrial. Empowering Industry.
www.roechling.com/industrial

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Print: 16/01/2025 • PIM-Version: 33 • PIM-ID: 773580 • PIM-Code: 33-641





We are a system supplier and partner from the idea to the OEM's end product - as a cooperative value contribution. We are able to support the healthcare industry at the highest level.

Industry Manager Healthcare - Mail: AReuner@roechling.com

Application examples



Centrifuge applications

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Our product variants of Polystone® P HG HI

For more information about technical data, product handling, certifications, compliance or delivery program scan the QR-Code and visit our website or talk to our experts.

Polystone® P HG HI black

