

High Performance Plastics for the Life Science and Medical Industries



Röchling for semi-finished material and machined parts



Semi-finished materials

Our medical grade (MG) materials have been tested for biocompatibility to ISO 10993-5.

Tests were performed for all standard colours. Our extensive range makes colour-coding of parts easy.

ISO 13485:2016

Our ISO 13485 compliant quality management system enables us to ensure that the relevant requirements are met, verified and documented. Röchling offers full traceability for MG products from the finished component right back to the raw material batch.

High precision machining

- Modern CNC machining centres
- 5 axis machining for complex parts
- Finishing services: de-burring, part marking, packing and labelling
- Help with material selection
- Optimisation for production

ISO Class 7 Cleanroom for cleaning of your critical parts



- Cleaning
- Drying
- Bagging
- Labelling
- Controlled environment
- Established procedures

Used for parts for many industries

- Pharmaceutical
- Medical and life science
- Semiconductor
- Aerospace
- Defence

Medical grade materials

- SustaPEEK MG - natural, green, yellow, red, blue, black
- Sustason® PPSU MG - grey, green, yellow red, blue

Typical materials for life science applications

- Fibracron® PTFE
- Sustarin® C (POM)
- SustaPEI

Typical composites for healthcare applications

- Durostone®
 - Epoxy laminates
 - Polyester laminates
 - Pultruded profiles
 - Filament wound tube
 - SMC/BMC compression moulding

Typical materials for a wide variety of applications



Fingertight fittings and ferrules

Micro-machined parts for High Performance Liquid Chromatography (HPLC) columns.

Typical materials

- SustaPEEK MG natural and blue
- Fibracron® PTFE
- Polyimide (PI)



Manifolds

Complex 5 axis machined parts.

Typical materials

Sustarin® C blue

Available in multiple colors - natural, grey, green, yellow, red, brown and black



Stent delivery system

Turned and milled, with one part fitting in to the other.

Typical materials

Sustadur® PET



Chromatography parts

Large milled parts for the chromatography industry

Typical materials

Sustarin® C
Polystone® P UTG



Patient stretcher

Heavy duty pultrusion composite profile manufactured using polyester, vinylester, epoxy and modified epoxy resins combined with carbon, glass, or basalt fibre reinforcements and used in this case for an MRI scanning system.

Typical materials

Durostone®



Surgical instrumentation

Knee and hip trial implants, instruments and tools in coloured biocompatible materials.

Typical materials

Sustason® PPSU MG

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