

Röchling materials for oil & gas technologies

Reliable and durable plastics and composites are crucial for long lasting performance in demanding environments

With over 40 years' experience in the extrusion, pressing & machining of polymers, we are on hand to assist with any product requirement.

The extensive range of thermoplastic and composite materials carefully developed by Röchling are designed to offer

- Minimum corrosion
- Extreme wear resistance
- Maximum chemical resistance
- Thermal stability in low & high temperature changes
- Weather resistance (UV stabilisation)
- Resistance to sea water and chemicals

Our service

- Initial material selection specific to your application
- Prototypes
- Production quantities

Typical applications

- **Topside**
 - Sheave wheels
 - Launch and recovery system parts
- **Subsea**
 - ROV components
 - High voltage electrical connectors
- **Downhole**
 - Connectors
 - Seals and back up rings
- **Hydrocarbon transportation**
 - Cryogenic pipe supports



SustaPEEK connectors for subsea



Typical materials

- Fibracron® PTFE
- SustaPEEK (PEEK)
- SustaPVDF (PVDF)
- Sustamid® (PA)
- Sustarin® (POM)
- Polystone® P (PP)
- Polystone® D (HDPE)
- Polystone® M (UHMWPE)
- Durostone® (fibre reinforced composites)
- Lignostone® (laminated densified wood)
- Durolight® (glass fibre reinforced plastic)

Accredited to ISO 9001

- Plastic and composite machined parts from Ø 0.5mm to Ø 3000mm
- Complex 5-axis CNC machining with close tolerances
- Cryogenic deburring
- Assembly and part marking
- Material certification and traceability

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