

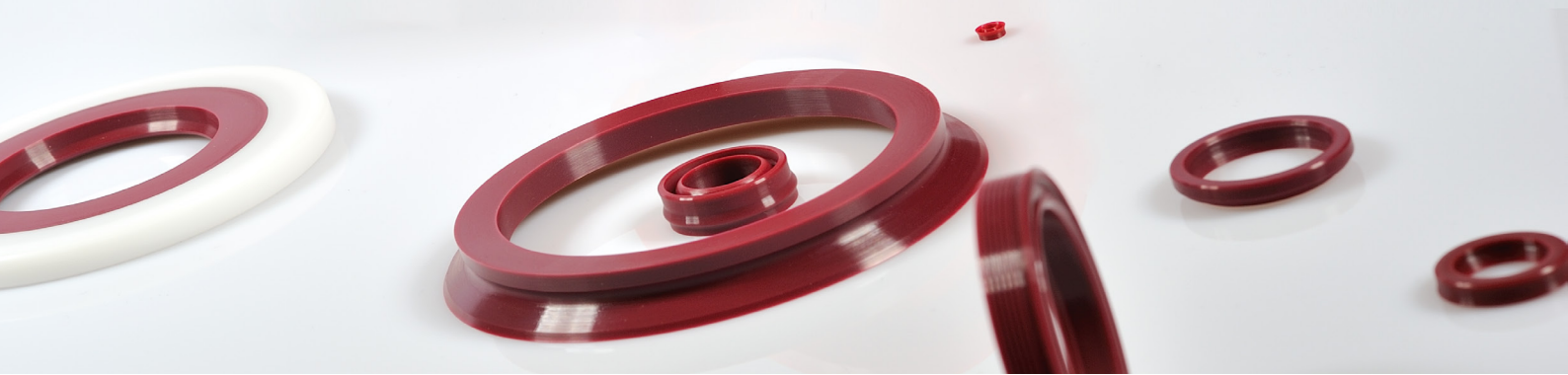


# Red Super Polymer [RSP]

The premier class of custom machined seals



T O G E T H E R   F O R   T H E   B E S T   O F   A L L   S O L U T I O N S



## A seal that meets your highest demands

**Red Super Polymer: The high-performance material that revolutionizes seals for hydraulic and pneumatic applications!**

Red Super Polymer is unique in its form. The combination of „high-performance polyurethane“ based on polyether with the various lubricant components ensures low friction coefficients at high sliding speeds and reduced wear.

The resistance to the most common hydraulic fluids and water-oil emulsions, as well as its excellent hot water resistance, make this polyurethane an outstanding material, especially for difficult application situations.

### Benefits and highlights at a glance

- Extended service life compared to conventional materials such as rubber-fabric materials and polyurethanes
- Suitable for use in systems with air, water, water-oil mixtures and mineral oil-based hydraulic fluids
- Filled and lubricated polyurethane, therefore maximum elasticity and ease of installation with low friction and minimal stick-slip
- Enables special seal geometries for repair, smooth running and friction reduction
- Low coefficient of friction
- Excellent low-temperature properties
- Faster working cycles for greater efficiency
- Use in areas with high speeds





We are primarily interested in finding a solution to your problem

Especially in demanding applications where high demands are placed on cleanability, sterilizability and hygienic design, we as a certified manufacturer are your competent contact partner. We guarantee a quick analysis and implementation of your sealing solution by our experienced specialists and the use of food-grade materials.



## Areas of Application

This sophisticated material is primarily designed for demanding applications, such as special hydraulic applications, press construction, motorsport, and process technology.

Of course, „**Red Super Polymer**“ is also suitable for all common standard applications such as wipers, piston seals, rod seals, rotary seals, O-rings, or flange seals.

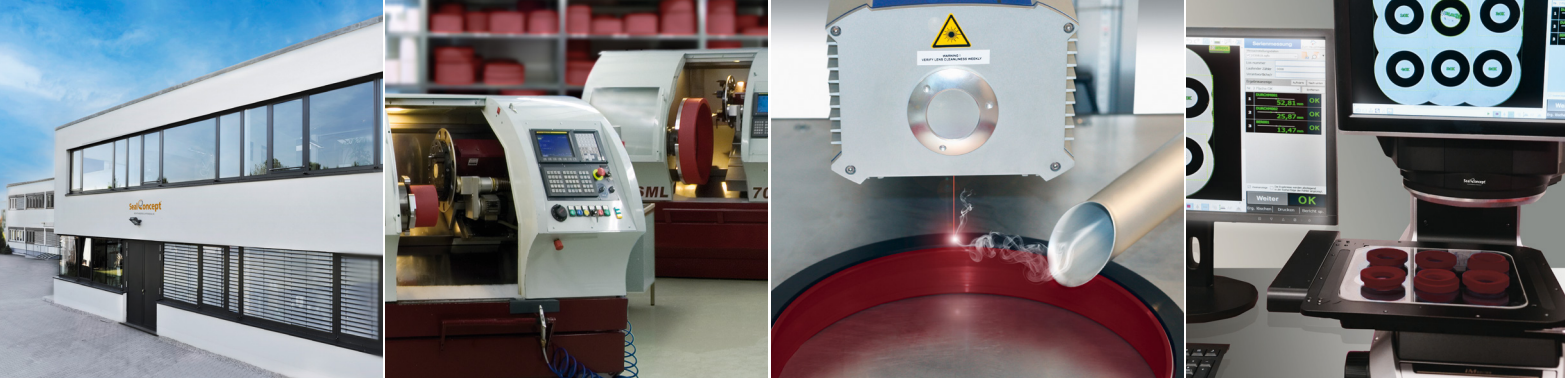
The use of this modern material increases the efficiency and reliability of applications.

## Do you have any more questions?

Our technical consultants are available at your disposal for further information at any time. We would be happy to arrange a personal consultation appointment with you at your premises. Of course, you are always welcome to visit us at our Bobingen location and see our work and quality for yourself.

Know-how and high technical competence are the prerequisites for high-quality precision products.





## Seal Concept: Where quality is at home

Our seals and hydraulic components can be measured with an accuracy of up to 1/1000 mm for special tests. As part of our quality management we create a production protocol for each product for traceability. If required, we are able to reproduce identical seals and components immediately. At the customer's request, each seal we turn can be identifiably marked with a laser signature.

Expertise and high-tech are the keys to high-quality precision products.



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# Together for the best of all solutions

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# Seal Concept®

DICHTUNGEN & HYDRAULIK

- Seals & Seal Kits
- Hydraulic Components
- Compact Power Modules
- Hydraulic Integrated Circuits
- Custom Solutions



CONCEPTS

SOLUTIONS

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