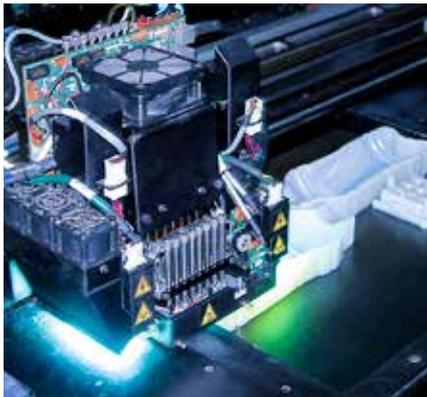




Customer : Variass
 Product group: Sealing Technology
 Market: Machinery and equipment construction

VARIASS CHOSE ERIKS RAPID PROTOTYPING

Complex seal quickly made to measure



VARIASS

CUSTOMER PROFILE

Variass is a supplier of electronic and mechatronic systems made to order. The company from Leeuwarden specializes in electronics, precision components, sheet metal work and mechatronics. Variass can provide product and process development, logistics, purchasing, production and assembly, service and end-of-life management. The company focuses on defense, medical, water and industrial products.

CHALLENGE

Variass is an expert in working to order. The system supplier develops and builds only customer-specific products. Recently, a complex seal was needed for the heart of a water treatment machine. ERIKS was brought in, and didn't waste any time: within a week it submitted a 3D prototype. Static as well as dynamic

One of Variass' many customers is Watter B.V., based in Drenthe, the Netherlands, which is active in industry, in the agrarian and medical sectors (including hospitals in developing countries). This company has developed the 'Wasser system', a machine that uses water, salt and electricity to make an environmentally friendly disinfectant, which has many applications, including anti-bacterial, anti-fungal and anti-viral properties, and can be used wherever the health of people or animals is threatened.

The existing seal was assessed for product optimization. The objective was set to develop a seal with excellent static as well as dynamic properties, in a very short timeframe.

SOLUTION

ERIKS was brought in as sealing specialist and designated supplier to work on a solution. As ERIKS has its own 3D printer, a choice was made for Rapid Prototyping. In this process a 3D model of the desired hardness is made based on a 3D drawing. The first products have been delivered. With the new seal, the Watter system complies with the optimization criteria. ERIKS also provided a composition warranty, which is in compliance with the FDA and EU guidelines for the pharma industry. Traceability has now also been certified.

SAVINGS

- Cost savings
- Time savings
- Innovation

OTHER BENEFITS

- Turnkey solution

FURTHER COMMENTS

ERIKS' added value lay especially in proactive engagement and the production of a Rapid Prototype. That allowed us to make big strides without major costs. It took no time at all to create an 'end product' for us.

Anne Flapper,
 Product Developer with Variass