



Summary

Industry:	General Engineering
Application:	Production line
Actual Saving:	£6000
Payback Period:	3 days



One ERIKS Philosophy Saves Over £6K

ISSUE

ERIKS were contacted by a renowned pneumatics manufacturer regarding an issue within their production facility. The seal which was part of a vacuum pump had failed affecting the pick and place process. Producing industrial metal grinding discs both production levels and delivery schedules were at risk.

The customer was based in The Netherlands with only one engineer and the OEM was quoting a two week delivery time.

SOLUTION

Following an initial examination with the pneumatic manufacturer, the technical engineers at ERIKS Leicester took all the relevant information and consulted with the ERIKS Seals Technology Centre. It was found the most cost effective solution would be to reverse engineer the seal using the customer drawings.

The unique U-Ring seal is made from a high quality grade of thermoplastic polyurethane. It has an application temperature range of -20°C to 110°C, along with high hydrolysis stability and weather resistant which helps increases plant reliability.

Once the seal was complete it was despatched to the customer in The Netherlands, they received the seal before 12 noon the next day and installed the U-ring by the end of the day.

OTHER BENEFITS

- Simple fitting - easy installation
- Little wear and friction
- Excellent extrusion strength
- Technical know-how

FURTHER COMMENTS...

The customer is extremely pleased with the outcome and quoted,

'ERIKS manufactured a unique seal within 24 hours and delivered it to our European manufacturing plant in The Netherlands overnight. The excellent service and fast response kept our production flowing and saved us several days of downtime on a critical piece of equipment.'

MORE INFORMATION

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