



## Innovation

We continue to invest heavily into our comprehensive and state-of-the-art Research and Development facility, forging strategic partnerships with both materials suppliers and academia to expand the boundaries of what is possible with technical sealing solutions.

R&D is core to our success in developing innovative designs and concepts incorporating new material compounds. We also continue to develop FEA models that are able to accurately predict seal performance correlated with testing and simulations. This experience is then applied into practical solutions for our customers.

## Manufacturing

With over 50 years' experience, we have a well-earned reputation for our in-house manufacturing capability.

In order to meet the demands of our customers we are able to supply parts manufactured in our own facilities alongside parts made by our approved manufacturing partners. This flexibility allows us to offer best-value solutions whatever the quantity required.

Our global manufacturing provision is matched with a high level of service that ensures customers get what they need, when they need it. With global distribution hubs designed to support local markets and strategic locations in the USA, Europe and China, we provide the most efficient and effective supply service for any operation.

# Pioneer Weston

Dynamic sealing for industry

## Contact

At Pioneer Weston our goal is to deliver a world class service in every area of our operations.

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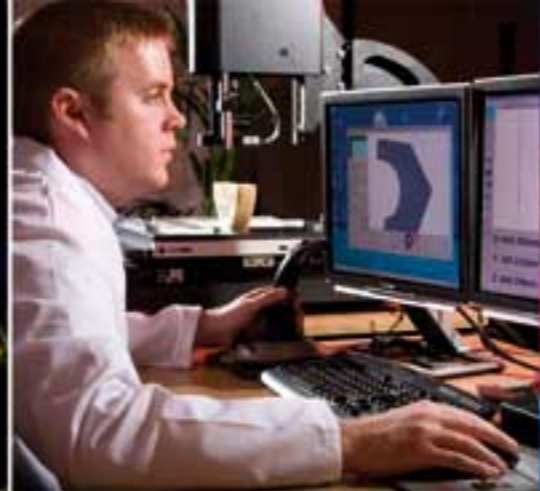
An **ERIKS** Company



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## Company Overview

Pioneer Weston has been at the forefront of sealing technology for over 50 years and enjoys an enviable reputation with blue chip OEMs.

We work in close partnership with our customers to innovate, design and manufacture bespoke solutions to suit a diverse range of applications, no matter how arduous the environment.

We are proud to hold both ISO/TS16949:2002 and ISO9001:2000 quality accreditation for dynamic sealing solutions and specialist moulded products.

## Markets

Pioneer Weston works with industrial and automotive customers to develop new and exciting products. Our aim is to continue to expand the abilities of seals to cope with increasingly demanding applications.

Pioneer Weston sealing solutions already deliver unrivalled quality and value for many global brands, both in terms of that brand's own manufacturing process and in terms of the satisfaction of the final end user.

## Design

The latest 3-D CAD technology, finite element analysis and thermal modelling are all utilised by our world class team of experienced material technologists and designers to ensure the optimum solution is delivered in the shortest possible time and at the most competitive price.

Minimising design time and ensuring 'right-first-time' design is a key element of this process. We supply drawing and assembly graphics for integrating into customer drawings and schematics as well as 3-D rendered visualisations. As part of the design process we can also mathematically model the products' performance over its full life before investing in tooling or manufacturing.

It is this experience and technology that has made Pioneer Weston a world leader in Uniluxed, PTFE and Mechanical Face seals.

## Test and Validation

At Pioneer Weston our goal is to deliver a world-class service in every area of our operations.

Evidence of this is the considerable investment and resource that has been applied to advance our testing and validation facilities to enable us to deliver products of a known performance and life expectancy.

Our facilities and people enable us to validate our designs and those of our customers, and to replicate 'real-world' operating conditions, delivering products to the most exacting requirements.

## Quality

At Pioneer Weston we are quite rightly proud of our high quality standards.

Quality is at the core of everything we do; in process, our people and our product. All our employees take personal responsibility for the quality in their sphere of activity and they are further supported by S.P.C. and a 'Right First Time' culture - essential in any Total Quality Management operation.

Whether the requirement is for small batch samples for test and validation or volume production, Pioneer Weston's quality systems ensure that each product meets the highest quality standards. We are accredited to ISO9001:2000 and ISO/TS16949:2002.

As the preferred sealing partner of many global manufacturing companies, we have an unrivalled insight into the quality standards that need to be attained - standards with the approval of Bentley, Cummins, Ford, JCB, MAN, Massey Ferguson and Perkins.



## Innovation Applied

Pioneer Weston have demonstrated time and time again that the application of a little innovation solves most challenges.

### Paddy Seals

Paddy feeds are particularly hostile environments for seals, axes and PTOs are typically running in a rice water medium. Even with multiple wiper lips, Elastomer seals may not be able to achieve a satisfactory lifespan, and with the slightest of leakage potentially ruining the crop, a tougher and more effective sealing solution is required.

To combat these conditions, Pioneer Weston designed 'Paddy' seals, which are uniluxed mechanical face seals that can withstand the harshest conditions. These seals do not wear the shaft and with rubber OD and ID are simple to replace. A further benefit of these seals is that they can tolerate greater radial movement than Uniluxed or Lip seals.

### Easy R Uniluxed Axle Seal

Developed to solve a number of problems associated with truck axle sealing, this design delivers simple installation with no special fitting tools required, reducing time and cost. The seals have exceptional performance, strength and durability (lasting up to 3 times longer than anything else on the market), due to a robust 3 piece cartridge design. All metal surfaces are zinc plated to prevent corrosion.

