



# Industrial Seals and Gaskets

Engineered solutions for high performance sealing requirements



Skillful design

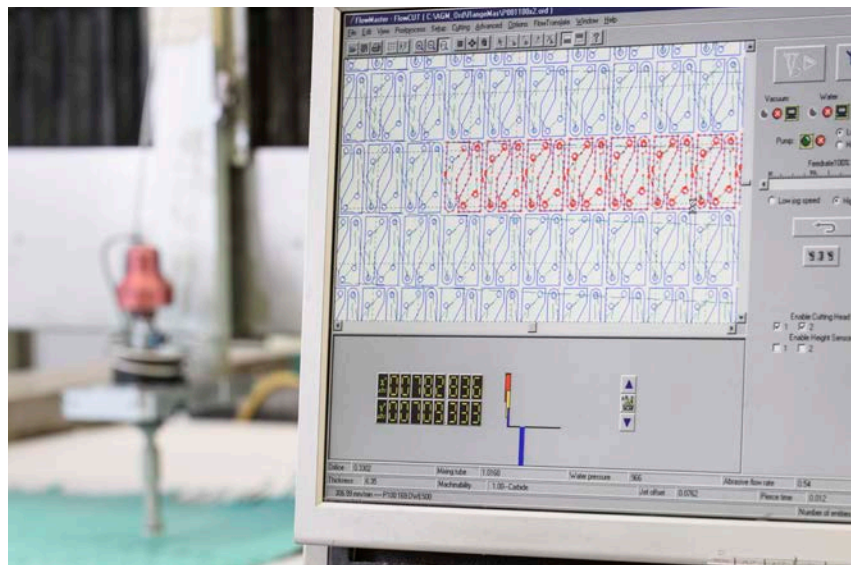
Sophisticated materials

Precision manufacturing

Avon Group is the UK's market leader for the design and manufacturing of specialist industrial sealing components. We have the engineering skills and manufacturing expertise to provide customised solutions to every industrial sealing challenge across a wide spectrum of requirements including air, water, gas, oil and chemical applications.

We are experts in specifying the most appropriate materials to achieve optimum performance. Our strong partnerships with specialist materials suppliers and our design engineering expertise, coupled with unrivalled manufacturing capability, means we are the first choice for many industrial customers across the UK and Europe.

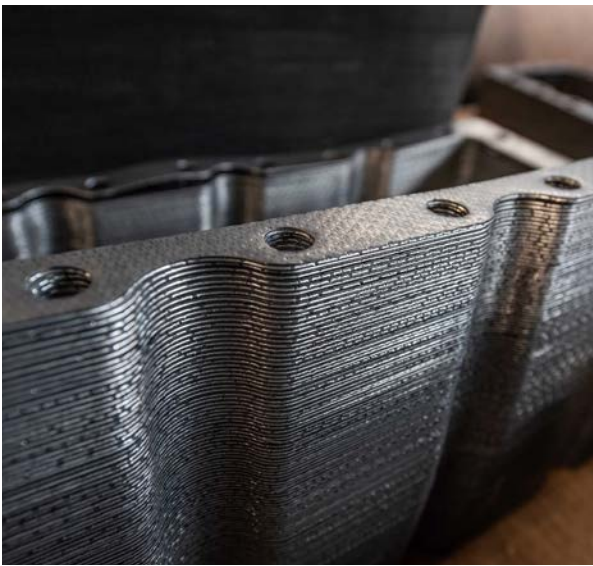




## Design engineering expertise to seal every joint

Our design engineering expertise, in-depth materials knowledge and material testing resources gives us the confidence to advise customer specifiers and design engineers on the optimum solutions to solve any industrial sealing or jointing challenge. Using sophisticated software, we're able to simulate applications and accurately analyse results before manufacturing, saving time and cost as well as maximising long-term product performance. Our product prototyping equipment and in-house tool manufacturing also ensure a seamless and robust link between the design phases and manufacturing.





We're at the cutting edge when it comes to advising upon and selecting materials that perform to the highest possible specification.

## Unrivalled materials know-how and practical, innovative solutions

As the longest established seal and gasket manufacturer in the UK, we have unrivalled partnerships with many of the world's leading specialist material manufacturers including Amorin, Donit, Flexitallic, Klinger, Lydall and Semperit. This means we're at the cutting edge when it comes to advising upon and selecting materials that perform to the highest possible specifications.

We understand the often complex requirements of customers in a variety of market sectors, with applications as diverse as large train engines, off-highway plant, motorcycles and oil/gas installations. As well as our extensive knowledge of foam, rubber, metal and composite materials, we're always abreast of new material innovations which means that you are assured of the best product for whatever sealing challenge you need to meet.

**AMORIM**

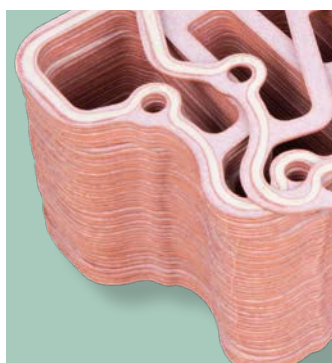
**DONIT**

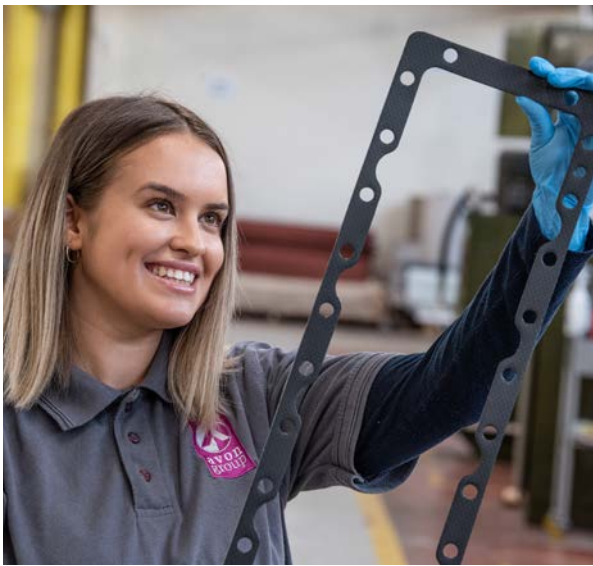
*Flexitallic*

**KLINGER**  
United Kingdom

**Lydall**  
Performance Materials

**SEMPERIT**



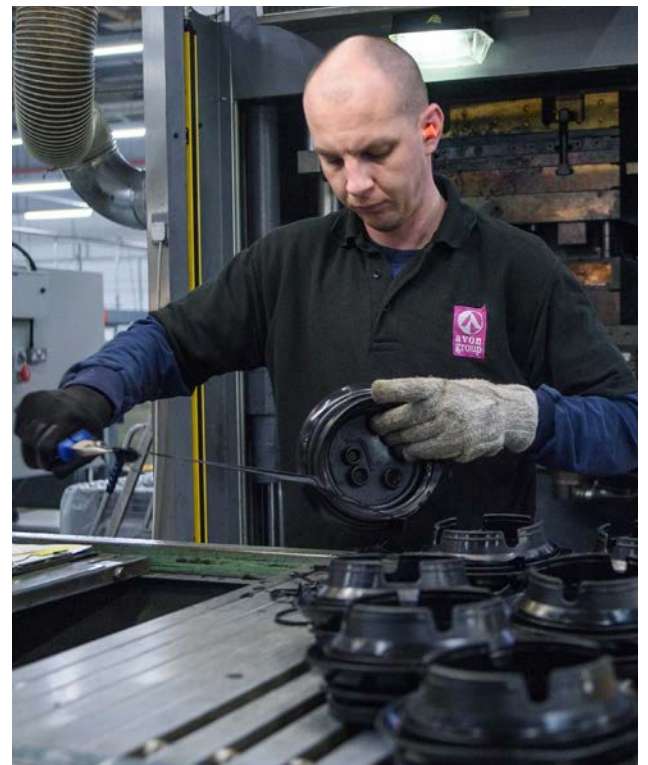


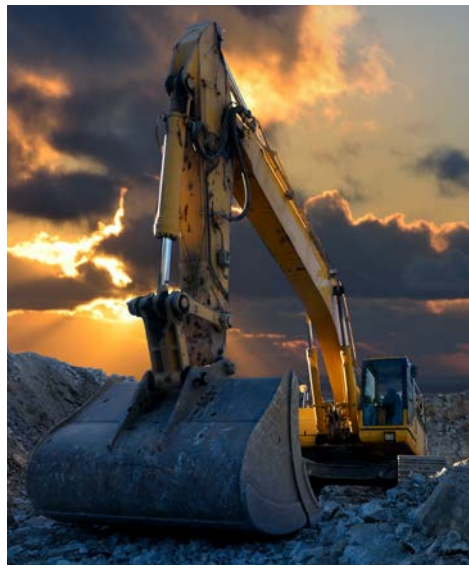
## Unique, world-class manufacturing capability

Our extensive manufacturing facilities provide the breadth of capability to manufacture gaskets, seals and couplings for every application. Ranging from super-large 100 tonne die cutting presses, CNC flash knife and water jet cutting through to travelling head presses and rubber or plastic moulding, we have the capability to tackle the most demanding requirements, in both size and volume.

We have particular expertise in specialised products for engines and transmissions, particularly for larger applications in rail and off-highway vehicles where rigorous performance specifications need to be met to reduce maintenance downtime. Continual investment in a wide range of the latest automated manufacturing technology means we have the resources to manufacture products in rubber, plastic and composites, maintaining high quality standards and consistent, reliable output to meet demanding deadlines.

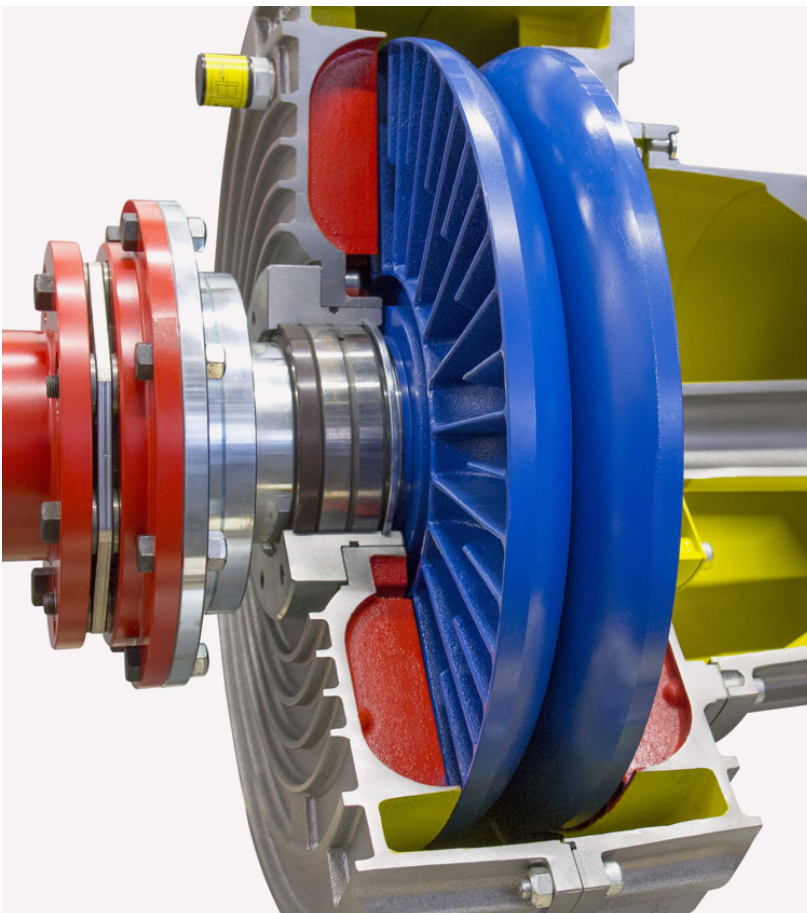
Our manufacturing processes meets internationally recognised quality standards including ISO 9001 and IATF 16949.

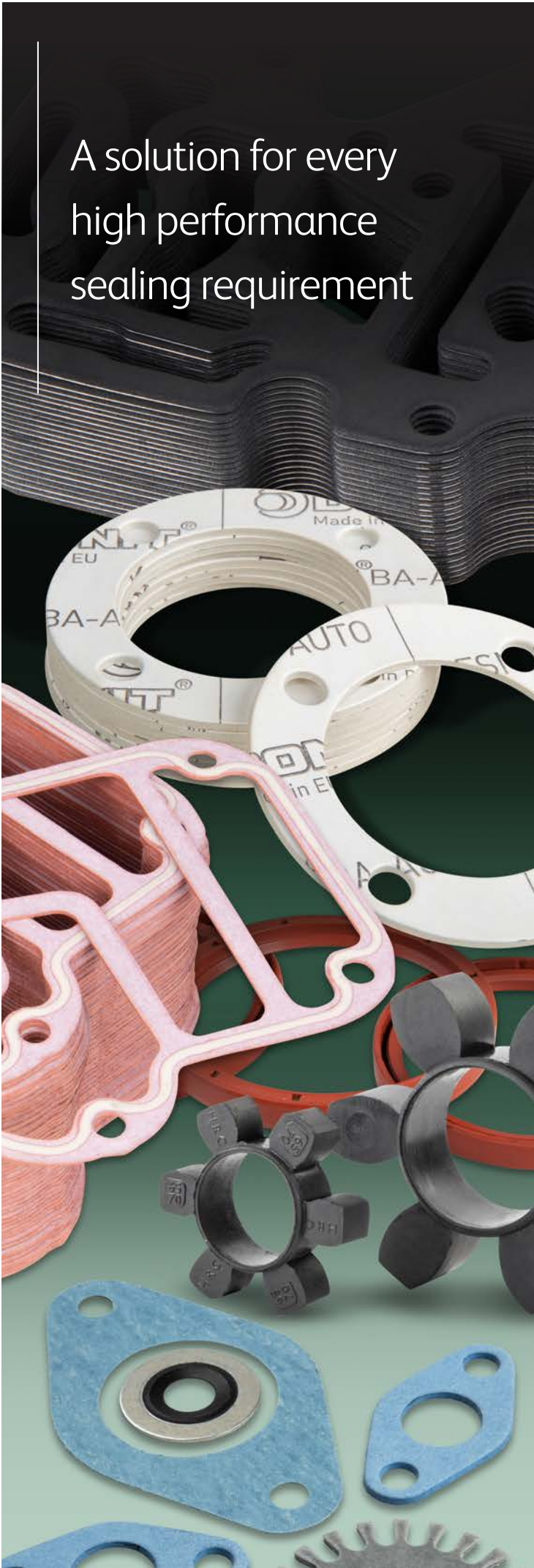




## Customer-centric, focussed and under control

As a crucial supply chain partner to many well-known industrial brands, we are acutely aware of our responsibility to deliver right, first time, on time. Many of our customer relationships have been built-up over many years and we take pride in building partnerships that offer real added value. We are also highly focussed on working with customers to develop solutions that offer superior performance and reliability, minimising downtime and cost for them. This extends to providing 'on-demand' products and maintenance kits for our customers' engineers in the field, enabling them to reduce stockholding and distribution costs.





A solution for every  
high performance  
sealing requirement



## Automotive

We're able to specify and manufacture seals and gaskets for almost every automotive application including gaskets for diesel and petrol engines in trucks, buses, coaches, cars and motorcycles. With access to an unrivalled selection of specialist materials and the manufacturing capability to produce gaskets to super-large sizes, we have the automotive sector covered.



## Rail & Off-Highway

We have specialist expertise in the design and manufacture of high performance seals and gaskets for engines, transmissions and hydraulic equipment working under the most demanding conditions in the rail and off-highway sectors. Utilising high performance materials and manufacturing to high specification criteria, we can ensure downtime and maintenance issues are minimised.



## Industrial & Agriculture

Often operating in intensive or continuous running environments, minimal stoppages of industrial and agricultural plant and equipment are crucial. We understand the often complex solutions that are required to ensure maximum operating conditions are maintained and provide tailored sealing solutions for generators, pipelines, HVAC plants and machinery for a wide range of industrial and agricultural needs.

Avon Group consists of individual businesses that offer a unique range of engineering and manufacturing skills. These businesses all have extensive capabilities to design and manufacture products using a wide range of different materials that provide innovative solutions to manufacturing and industrial problems.

The Group is one of the largest suppliers of sealing gaskets for aerosols in the world, a major manufacturer of specialist parts for the automotive industry and an industry leader in the design and manufacture of specialist sealing, insulation and protection products for industry, using plastic, foam and rubber as well as other synthetic and composite materials.

With extensive design and manufacturing capability in the UK, the Group serves the needs of customers at home and around the world.



[www.avon-group.co.uk](http://www.avon-group.co.uk)

