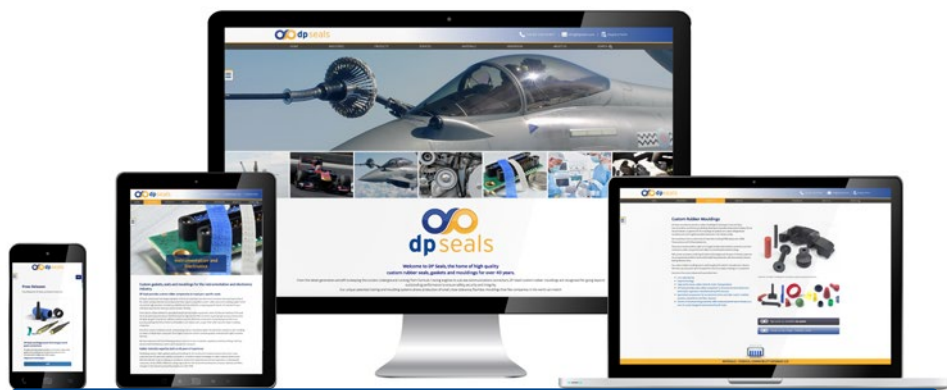


A new website for you to bookmark



www.dpseals.com

In our 40th anniversary year, we commissioned our new logo, which we hope you'll be familiar with by now. At the same time, we started work on updating our website and this duly went live back in April.

After extensive research, we realised it would be more useful to group our custom seals, gaskets and mouldings into industry related sectors – so now you can see specific products related to aerospace, subsea, oil & gas, specialist motorsport as well as food & dairy, instrumentation & electronics and medical to reflect the increasingly varied customers we serve.

In addition, by creating product areas for seals, mouldings, gaskets and Innovations, we've broadened our range perception and substantially improved SEO as well.

Navigation around the site has been upgraded and we've also added some more useful resources and links to tools we think you'll find helpful. This includes the Chemical Compatibility App and some insightful guides and videos for design engineers.

Please do take a look at the website, download our app and if you have any questions, don't hesitate to ask.



Welcome to the latest edition of DP Update – and our apologies for the somewhat lengthy delay in its appearance.

This year we've already launched our revamped website, with our new mobile app following shortly after – for those of you missing the web-based functionality of our original Chemical Compatibility Database (CCD), we'll be re-introducing that as well.

We've also installed energy saving LED lighting throughout our factory – so we can now see things a lot more clearly. It's just a shame the same can't be said for the Brexit negotiations. However, it seems that despite all the confusion and uncertainty, the manufacturing sector has decided it's business as usual, and like a lot of companies, we've yet to see any dramatic slowdown or indecision.

So with that positive outlook and our new LED lighting, perhaps we can look forward to a brighter future after all.

Andrew Piper
Managing Director



DP Seals Ltd

Unit 6, Dawkins Road,
Poole, Dorset BH15 4JY UK

Tel: +44(0)1202 674671

E-mail: info@dpseals.com

Web: www.dpseals.com



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Downloads and counting

The Chemical Compatibility App continues to be popular throughout the world especially in China, Japan and the US representing the bulk of downloads, if you haven't got yours yet **download our app** right now.

The light fantastic

Natural light LED panels create pure daylight ambience throughout our buildings

LED lighting has made a revolutionary impact in modern factories today, creating an efficient and better working atmosphere, saving on energy costs and contributing to a greener environment.

For us, the difference has been dramatic, with the benefits of LED panel lighting being brought to every area of our premises. Now tool room, production presses, cleaning department and our dedicated aerospace and subsea units are all lit to perfection to provide optimum inspection of every part we make.

In fact, we can highly recommend taking this step if you are yet to do so.



Two heads are better than one

We've recently moved our OGP Smartscope inspection machines into one dedicated space in order to improve inspection speed. Having them in operation side-by-side allows for better instruction and training between two operators – and during repetitive inspection on one machine, it can be left to run automatically while the operator works on the second one.



We're still warming to our new Cryogenic machine

It's been a whole year since we added a second cryogenic de-flashing and cleaning machine. And with both machines in operation, it not only greatly reduces the risk of breakdown, it also speeds up our processing time and effectively doubles our output during peak production periods.

Coming soon... Guide on Rubber-to-Metal Bonding

We'll be publishing our new Guide on Rubber-to-Metal Bonding in the very near future.

Following on from our Guide to Developing Custom Rubber Seals, Gaskets and Mouldings, it's been developed to help engineers during the product design process, and will include:

- An introduction to rubber to metal bonding
- Which metals can be used in the rubber to metal bonding process
- Why use rubber to metal bonding
- Typical Applications
- The importance of early communication
- The rubber to metal bonding process
- Top tips

Email our marketing agency at dpseals@direction123.com and you'll be one of the first to receive a complimentary copy as soon as it is released.

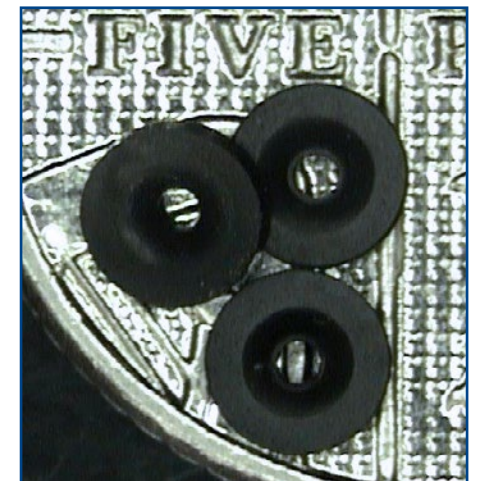
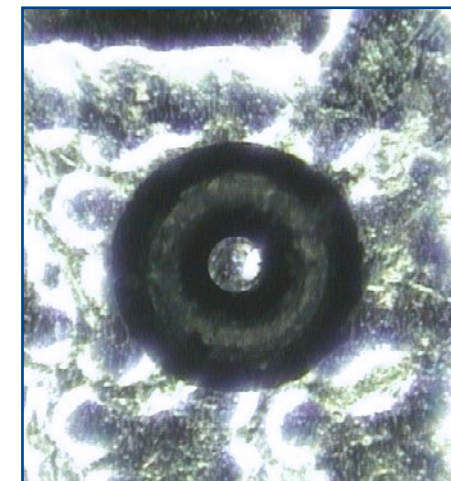
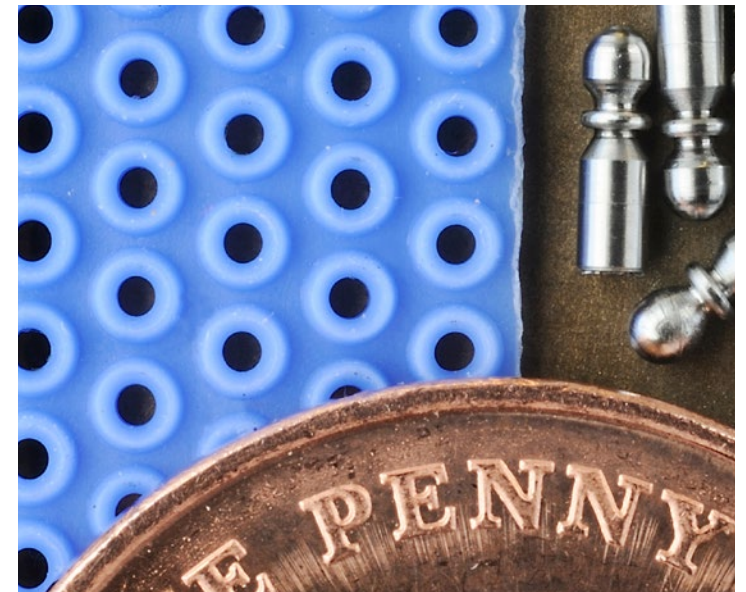
Little miracles of engineering

At DP Seals we've always enjoyed the challenge of micro-engineering small components and maintaining high quality no matter the size or intricate detailing.

After talking to our founder, David Piper, we discovered that he'd produced a moulding for a 0.007" (0.18mm) I/D O-ring the best part of 40 years ago, so we've obviously always been ahead of the game in custom rubber seals, gaskets and mouldings. Have a look at these hugely enlarged images from our Smart Scope and if you've got a tiny seal requirement coming up, bear us in mind.

Right: Interfacial seal and the 0.6mm pins they isolate, shown against a penny for scale.

Below: The very O ring that David Piper produced 40 years ago, so small we had to place it – very delicately – onto the 5p piece with a needle. Far right are some current micro-components that seem positively huge in comparison.



DP Seals – Box Set

We've continued to release our 'In Conversation' videos throughout the year, with our fifth video on Quality the most recent. In it, our MD, Andrew Piper, is posed questions by design engineers from leading UK-based and international companies on the diverse aspects of maintaining quality throughout the design and production process and provides a series of invaluable tips in response.

The full series is listed below, and if you're looking at the interactive PDF just click on the link to see them.



Video 1 – Rubber Hardness

Video 2 – Rubber Tolerances

Video 3 – Rubber Chemical Compatibility

If there's any questions on a specific rubber seals and mouldings topic you may have, let us know and we'll consider it for our next video.

Video 4 – Temperature

Video 5 – Quality

Video 6 – Any thoughts?

Vlad's Video Shortz

Quirky, imaginative, distinctive and maybe even a little bonkers, our very own Vladimir Miheev has been bringing his creative talents to some short 'stop-motion' videos showcasing the unique details and features on a variety of our seals and mouldings.

He's only completed two so far, but it looks as though he has plenty more in the pipeline. And with his very distinctive approach, we're pretty sure they'll be entertaining as well as informative. So keep an eye out for them – we really aren't sure what's coming next – but that's all part of the attraction.



LinkedIn



Facebook



Twitter



YouTube

We are still building our online community, so if you are yet to link up with us on social media please do. We regularly release information and notifications and it's always good to keep in touch.



DP Seals Ltd. Unit 6, Dawkins Road, Poole, Dorset BH15 4JY, United Kingdom.
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