WINTER 2021

CUTTING EDGE

UK GASKET & SEALING ASSOCIATION

MEMBERSHIP NEWSLETTER OF THE UK GASKET & SEALING ASSOCIATION



Members Beat Previous Years to Raise Money for Macmillan Cancer

Members of the UK Gasket & Sealing Association (UKGSA) raised an amazing £2,005.00 for Macmillan Cancer Support at our Golf Day Charity Dinner in September. *(Continued on Page 2)*

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THIS ISSUE:

Golf Day Winners • New Members • New Employees • New Machinery

Members Beat Previous Years to Raise Money for Macmillan Cancer



(Continued from Page 1) This year's golf day was held at Telford Hotel and Golf Resort in Telford, Shropshire and saw both members and their guests travel from across the UK to enjoy a game of golf followed by a black-tie dinner in the evening.

Fundraising activities included a Beat the Pro shot on the golf course and in the evening there was an interactive Heads & Tails game to win a weekend away at the Hotel Anacapri by Gully Beach, Falmouth in Cornwall (kindly donated by the Hotel Anacapri), followed by a raffle with an array of prizes donated by members. The evening closed with an impromptu auction of two hospitality tickets for Manchester United Football Club.

Sandy McEwen, vice-chairman of the UKGSA and managing director of founding-members William Johnston & Company Limited, said: "Due to coronavirus we were unable to hold our event in 2020 so were delighted to be able to get together this year with social distancing measures in place. Macmillan Cancer Support has been our nominated charity for a number of years, and our recent fundraising event brings the total we have raised to over £10,500.00!"

Macmillan's fundraising manager for the West of Scotland, Michelle Campbell said: "At Macmillan, we're here to help people live life, no matter what, but we can't do it without the amazing people who fundraise for us. 2020 was a difficult year for many charities as lots of fundraising events were cancelled to the pandemic. I'd like to say a huge thank you to everyone at UKGSA for their continued support."

For more information visit:
https://www.macmillan.org.uk

Message from the Chairman



Simon Winfield
Chair, UKGSA
Director, MacLellan Rubber

Simon Winfield, Chairman of the UK Gasket & Sealing Association (UKGSA) and director of MacLellan Rubber, shares his reflections on 2021 and looks ahead to 2022.

Despite the challenges of the last two years, UKGSA Members have continued to invest in and improve their businesses with many seeing growth in 2021 and forecasting further growth in 2022.

Our Members service a diverse range of industries from Electronics to Utilities, Offshore Engineering to Construction and many more besides, and whilst many have seen declines in some sectors both at home and abroad, they have responded with new innovative products or by pursuing new markets.

Social distancing measures impacted events earlier in the year, but our Annual Golf Day and Charity Dinner in September was well attended, attracting new guests to the event. Members welcomed catching up face to face and a number of companies have since joined the Association to benefit from networking with Members, technical support and collaborative opportunities.

Sentiment during the year has varied between Members and, as you might expect for world-class manufacturing businesses, their approach to dealing with Brexit; new International Trade Deals, and more recently Supply Chain challenges that have seen raw material prices spiral by 20 – 50% or more and lead times expand beyond any normal expectations, has been robust and assertive. Many are positive about the opportunities that a UK uncoupled from the legislative bonds of Europe offer, others more concerned about competition from unregulated parts of the world undermining the quality of products or unfair, low cost sources devaluing core markets.

The industry as a whole is facing significant challenges, even beyond those of the financial crash, and these on their own threaten to undermine much of the advancement that our Members have achieved. In our most recent Members survey, their main concerns were:

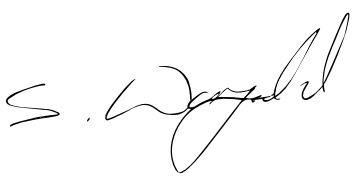
- Shortages of Raw Material
- Monthly raw material price increases
- Sky rocketing shipping costs into and out of the UK
- Additional administration costs for exporting and importing
- Shipping delays

All of these issues weaken UK PLC as a supplier to world and, whilst everyone is in the same position and legislators will undoubtedly point to market forces, the risk for our Members is higher than for lower cost markets.

It is of course not all bad news. UK PLC has a great reputation around the world and our Members are some of the best innovative, high quality, customer focused manufacturers in the UK. They have continued to grow their businesses by focusing on and promoting those strengths world-wide, often working in partnership with other Members to provide a comprehensive package to their customers.

2022 doesn't look to be offering much respite from these challenging times, but our Members see opportunities in any situation and we expect to be reporting on their further successes throughout the coming year.

Wishing you all a Merry Christmas and a Happy New Year!



UKGSA Membership



Well, it's been a busy old month for membership of the Association! I am pleased to inform you that we have three new members this month alone:-

DLR Elastomer Engineering Ltd

Rubber sheeting and moulding specialist in Leyland. DLR was formed by the merger of Leyland Rubber Components and Dexine Rubber Technologies.

WARDjet Ltd

A specialist component supplier of water jet cutting equipment in Telford.

Moontown Ltd

A UK seal manufacturer specialising in PTFE for hydraulic and pneumatic applications in Kirkby- in-Ashfield.

Welcome to you all; I am sure that the Association will benefit from your attendance at our meetings. There are further details of these companies within Cutting Edge.

The golf day in Telford, Shropshire was a great success and again it was nice to meet-up with some of our newer members along with some guests:

Kevin Tate of Kewell Converters;

Nic Wilde of SBR (Southbourne Rubber);

Darren Pearson and David Bennett of Gee Graphite (welcome back Gee who were members a number of years ago!);

A number of people from Corseal attended and promoted their new company - The Seal Extrusion Company – who now have one of the most extensive stocks of extrusions in the UK;

Scott Mackay of Acoustaproducts Ltd, who are in Telford and local to this year's golf venue;

Nick Fuller and Jack Naylor of NES.

The diversity of the companies in the UKGSA makes it a far stronger organisation which will ensure a brighter future for us all.

Keith Payne, Membership Officer, UKGSA

Machine Manufacturer Joins the UKGSA



The UK Gasket & Sealing Association (UKGSA) welcomes WARDJet to the association.

WARDJet is a leading global manufacturer and supplier of waterjet cutting solutions, operating from state-of-the-art facilities in Telford, Shropshire. WARDJet waterjets are a unique system of interchangeable components that allows clients to tailor machines to their specific needs. The company offers a skilled support team for on-site maintenance supported by web-based options for remote diagnostics and to correct control related issues.

Chris Arend, Managing Director for UK, EMEA and Asia, explains *"Our WARDJet system is infinitely expandable and modular helping our clients to be competitive within their markets. We look forward to being part of the UK Gasket & Sealing Association and to welcoming Members to our showroom in Telford."*

The UKGSA is a trade association that has been supporting manufacturers and suppliers in the UK gasket and sealing sector since 1993.

Simon Winfield, chairman of the UKGSA and director of MacLellan Rubber, said: *"I'm delighted to welcome Chris and his team to the Association which is open to companies who supply products or services to organisations who convert material into gaskets and seals. We look forward to finding out more about WARDJet machines and to meeting Chris at our networking and social events during the year."*

For more information about WARDJet waterjets visit:
https://wardjet.com

WARDJet

TAILORED WATERJET SOLUTIONS™

Elastomeric Manufacturer Joins the UKGSA



The UK Gasket & Sealing Association (UKGSA) welcomes DLR Elastomer Engineering Ltd.

Chris Chadwick, director of DLR Elastomer, said: *"We are delighted to become a Member of the UKGSA and look forward to finding out more about our fellow Members and exploring opportunities to work together."*

DLR Elastomer Engineering was established in 2021 following the acquisition and relocation of Elastomer Engineering Ltd into Dexine Leyland Rubber Technology Ltd. Between them, Leyland Rubber Components and Dexine Rubber Technologies have 100+ years of history as rubber manufacturers.

The company are experts in the design, development and manufacture of specialised polymer products and offer rubber sheeting, fabrications, mouldings and elastomer to substrate bonding for many different sectors, producing bespoke rubber products.

Simon Winfield, chairman of the UKGSA and director of MacLellan Rubber, said: *"We represent a number of leading manufacturers and suppliers who convert materials into gaskets and seals and during the pandemic, we have seen a growing interest from UK companies seeking marketing support, technical advice and networking opportunities that an Association like ours offers. The UKGSA is a real collaborative network and I welcome DLR Elastomer to our Association."*

For more information about WARDJet waterjets visit:
https://elastomer.co.uk

DLR ELASTOMER
ENGINEERING

William Johnston & Company Limited on a Mission.





The William Johnston & Company Limited supported Citroen C1 Endurance racing team enjoyed considerable success, had a lot of fun and raised valuable funds participating in the 12 hour Race of Remembrance organised by Mission Motorsport over the Remembrance weekend of Saturday 13/Sunday 14 November at Anglesey Race Circuit in North Wales.

Mission Motorsport, the forces' motorsport charity, aids the recovery and rehabilitation of those affected by military operations by providing opportunities throughout motorsport and the automotive industry. You can find out more and donate at https://www.missionmotorsport.org

From big industry to small, over 200 wounded MM beneficiaries have successfully accessed post service employment via the charity's training and placement schemes. On the sporting side, they are usefully fulfilling roles in Formula 1, Formula E and the World Rally Championship.

Held since 2014, the Race of Remembrance is a unique event on the UK motorsport calendar with the 12 hour endurance race being suspended on the Sunday morning for a 45 minute Remembrance Service in the pit lane. Competitors, pit crews, marshals, staff, and supporters along with serving military personnel and veterans **come together as one** to remember the fallen, those who have gone before us and paid the ultimate price and to think about those who remain, who have given so much and who live on.

Led by a Military Padre, readings are given by injured personnel, hymns sung by a military wives' choir, and a poignant recital of The Last Post is performed by a veteran bugler.

This year the race began with 53 cars on the grid at 3.00pm on the Saturday and ran, mostly in the dark, until 9.00pm. The re-start was at 9.00am on Sunday and, with a break for the Remembrance Service, finished at 3.45pm. There were 5 classes of car based on their power to weight ratio.

The William Johnston & Company team Citroen C1 was racing in the least powerful class which featured 8 other identical cars. At the chequered flag on Sunday afternoon the car finished second in its class and 30th overall in the 53 car field which included Porsches, Lotuses, BMWs, Caterhams and Morgans.

The William Johnston & Company driving team included Peter Cruickshank and Steven Grey who between them have hold four Scottish Ford Fiesta ST Championships so their speed and experience in the C1 was invaluable.

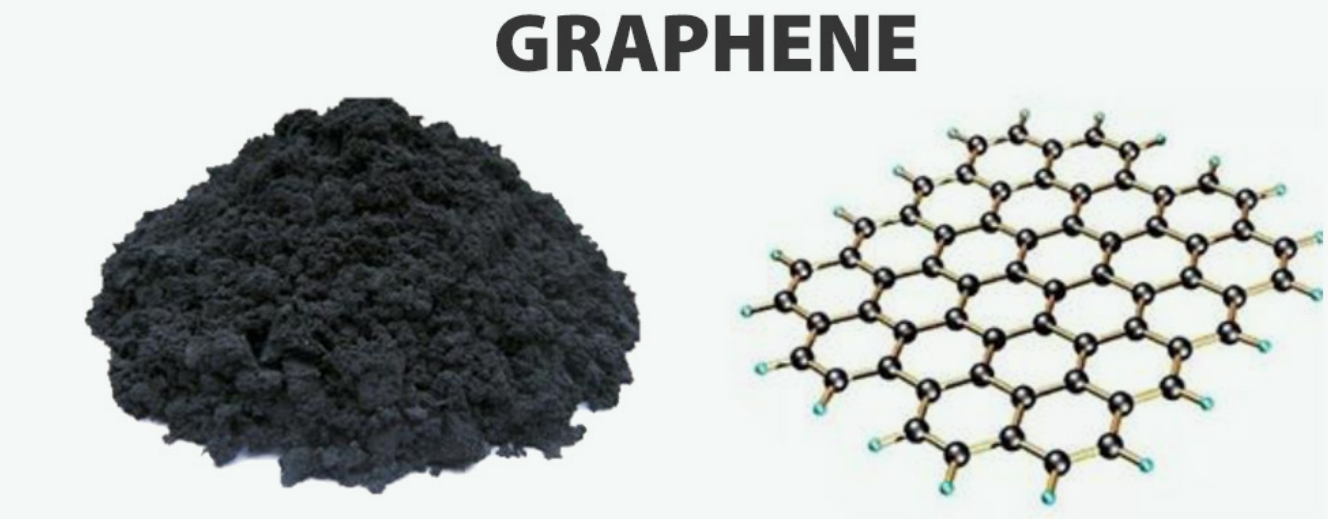
The ethos of the Race of Remembrance is to involve both able bodied and injured military personnel in the event where possible. The Morgan Car Company provided one of their classic style sports cars fitted with hand controls which was driven by a team of disabled male and female veterans. Some volunteered to assist with the organisation and administration of the event before and during it while others could be seen in the pits aiding teams with repairs, re-fuelling, lap-timing, etc.

Assisting the Willian Johnston & Company team was Lance Corporal David Bolton of the 3rd Regiment Army Air Corps. David, 36, has over 15 years of service with the REME (Royal Electrical & Mechanical Engineers) and his day job, at Wattisham airbase near Ipswich, is as an avionics technician on Apache helicopters. The Race of Remembrance was David's first ever race meeting and his skill and enthusiasm contributed significantly to the success of the number 497 car.

David said *"It was an honour to be involved with the Race of Remembrance. I am a big fan of the Citroen C1 – my wife drives one – so it was great to be able to assist fellow enthusiasts on a very worthwhile event and, of course, getting an excellent result makes it even more so. Most of all it was great fun so I will be back!"*

Sandy McEwen, Managing Director of William Johnston & Company Limited, said *"Mission Motorsport has created a landmark event in UK motorsport with the Race of Remembrance. As an endurance race, it requires excellent team work and tests all participants to limits they may be unaware of, so the synergy with military service is strong. Aside from fund raising, the tangible element of being involved with an event which gives veterans and others roles and a sense of purpose is vital. We hope to return and again contribute to, and most importantly enjoy, the fun atmosphere of this important race."*

Graphene in Rubber Elastomers



Graphene is part of the family of carbon nanomaterials that has the potential to dramatically improve the properties of rubber materials. Academic and commercial work has been ongoing for a number of years to establish the benefits of integrating this compound into elastomer compounds.

Graphene can be added into rubber polymer mixes – typically at a rate of less than 1% by volume – and significantly influence the materials thermal and electrical conductivity; improve flame resistance; and enhance mechanical properties, such as, wear resistance, grip, compression set and tensile strength.

The scale of the change in mechanical properties will depend on many factors including thickness, surface area, product size and application, but research has provided results demonstrating:

- Increase in tensile of up to 40%
- Increase in abrasion resistance of up to 500%
- Increase in tear strength of up to 50%

Whilst these significant attributes have drawn a lot of interest mainly from the tyre and footwear industries, advantages in more commercial applications within the sealing and gasket, marine, mining and transport industries are also apparent.

It should be noted that the use of Graphene in elastomer mixing is not a simple change to processing. Ensuring even distribution of the material through the mix, using the correctly graded powder takes time and effort. However, the benefits are clear from the technical performance.

If you have an application that you think would benefit from Graphene enhancement, please contact your MacLellan account manager or our sales team.

Rogers Corporation Acquires Silicone Engineering

UKGSA Member, Silicone Engineering Ltd, has been acquired by Rogers Corporation, a US-based materials technology company.

Their letter to customers is outlined below.

Silicone Engineering Ltd

ROGERS CORPORATION

October 2021

Dear Valued Customer,

The Directors of Silicone Engineering (SEL) are very pleased to announce that with effect from 8th October 2021 we have new owners of the business.

Rogers Corporation, a U.S.-based materials technology company, today acquired the entire share capital of SHL owners of SEL. Rogers and SEL are a perfect union of likeminded businesses focused on promoting and delivering responsible social and ethical value, business innovation and high value product solutions to both the marketplace and wider industry supply chains.

The union of our organisations builds upon the rich local heritage that began when SEL first established itself in Blackburn, England in 1959. It is with much pleasure that we announce we are the new European centre of excellence for Rogers Advanced Silicone solutions. This international collaboration joins up our existing U.S. centre of excellence partner facility in Carol Stream, Illinois, USA. Both manufacturing facilities have leading edge processes, technologies, talented people, and value synergies that will support a global Rogers EMS (Elastomeric Material Solutions) business and set of future growth strategies.

With its proven, strong leadership team in place, SEL will operate as a standalone, separate subsidiary. The people, business model and operations that created the successful Silicone Engineering business will be preserved.

Our commitment to serving customers in the best manner possible remains constant. The news release regarding the acquisition is available on our website.

On behalf of the entire SEL team, we thank you for your support and encourage you to explore the benefits this acquisition brings to your business.

Sincerely,

Paul Kinsella
Managing Director
Silicone Engineering

Helping **power, protect, connect** our world.
www.rogerscorp.com

Small Family Business of the Year – East Midlands

UKGSA Member, Jointine Products (Lincoln) Limited, have been awarded Small Family Business of the Year – East Midlands by the Midlands Enterprise Awards.

Jane Smith, managing director of Jointine, says: *"We truly value the recognition given to us by the Midlands Enterprise Awards. I would like to thank staff for their support and positivity which has made the company so successful. Being named a Small Family Business of the Year is such a wonderful way to recognise these achievements."*

Jointine specialise in manufacturing paper gasket materials and employs 17 staff at their Lincoln base. The only business of its kind in the UK, Jointine only has two major competitors in the world! Jointine supply rolls of material to gasket cutters and manufactures to ASTM F104. Their brands include Flexoid©, Cranflex© and Oakenstrong©.

During the pandemic the company focused on processing work as soon as possible to minimise backlogs and continued to pay staff in full throughout lockdowns whilst remaining COVID-free (as at time of print).

Jane explains: *"2021 has been relentlessly busy but has brought an entirely different catalogue of challenges to rise to, including rising raw material prices, through to cardboard and paper shortages. To combat supply chain shortages, a storage room and three offices have been replaced with warehouse facilities so more stock can be held in bulk on site"*

Jointine have been members of the UKGSA for many years and are also members of the Institute of Export, the Confederation of Paper Industries. Jane is also on the Leaders Council of Great Britain and Northern Ireland.





Flexitallic appoints Key Account Manager in the North East

Flexitallic UK, the international market leader in the design, manufacture, and supply of industrial static sealing solutions, has appointed Debbie Jackson as Key Account Manager.

Debbie, who has more than 18 years' experience working within the sealing product sector, will work with some of the company's largest clients in the North East region to build and strengthen its long-term strategic relationships.

Based at Flexitallic's office in Middlesbrough, she will also look to identify and develop new business opportunities in an area stretching from Teesside up to the Scottish Borders.

Debbie previously worked as a branch manager, having built up an extensive knowledge of sales management within the mechanical and industrial engineering sector. She is also skilled in contract management, business development, with expertise of the oil & gas, petrochemical, and manufacturing industries.

She said: *"I'm pleased to join Flexitallic because of its drive, ambition and innovation, values that has made it a market leader.*

"As an experienced sales professional, I'm passionate about building strong and lasting relationships with clients, suppliers and colleagues, all of which will sustain the business as it continues to expand."

Married with two children, Debbie, who is from Stockton-on-Tees, enjoys spending her leisure time with her family.

Sam Bradley, UK Sales Director at Flexitallic, said: *"Debbie is a valuable addition to the team and arrives with extensive experience within the sealing solutions sector as well as the industries in which we operate in.*

"With her proven track record, Debbie will play a pivotal role in further strengthening our position in the North East region by creating and developing long-lasting partnerships with new and existing customers."



Debbie Jackson
Key Account Manager

Flexitallic

A Busy November for SJG International

It's been a busy few weeks at SJG - we have seen the arrival of some new machinery, welcomed some engineering students from HOW College and added a new roof, to name a few things!

Week commencing 8th November we took delivery of a new waterjet from WARDJet to further increase our cutting capabilities.



The machine further increases capacity and gives us greater cutting ability:

- Using water only
- 5 heads
- One 5 axis head and 4 others on spreader bars
- Full IGEMS CAD/CAM nesting and 5 axis software

The machine is now fully installed and operational, thanks to the help and support of the team at WARDJet.

During November we welcomed some students from Heart of Worcester College who are studying Engineering. The students visited for a tour of our factory and to learn a little more about our machinery and processes. As a result of the tour we are looking to potentially offer work experience to some of the students through the college and NEXT Gen Makers.



In the last week of November we took delivery of an additional wire eroder. Our new EDM wire eroder will help support quicker turnaround and increased capacity for new tooling in our rubber extrusion department.



We have had a busy year during 2021 and we have faced a number of challenges with regards to things like price increases, raw material availability and shortages.

We are exceptionally proud and grateful to all of our employees and suppliers who continue to support the business in order for us to continue to grow and re-invest.

Please note, SJG will be closing for Christmas on 24th December and re-opening on 4th January 2022.

We would like to wish you a Happy Christmas and hope everyone enjoys a well-earned break.

sales@sjginternational.com
01789 763721

10th Anniversary for Alison

This year Alison Ansell celebrated 10 years with Corseal Limited.

In this issue, we caught up with Greg Ansell, managing director of Corseal, to find out about Alison's role in the company.

When was the company established?
Corseal Ltd started in 2006. With experience in fluid handling and sealing technology, I felt there was a niche in the local market for a skilled company specialising in gaskets, rubber products and industrial hoses - and Corseal was born.

When did Alison join?
Alison joined In September 2011. She previously worked for local governments for 20 years so had experience in management roles

What impact has she had on the business?
Alison has been extremely successful in guiding Corseal's growth over the last 10 years.

For the last eight years she has taken over full management of our credit control, introducing new accounts software and IT systems. During the first lockdown she was instrumental in ensuring we could all access our PCs from home so we could continue to manage customer orders with minimal disruption. In 2018 she managed the process for establishing online payments from our website enabling customers to purchase items online with either credit cards or PayPal.

In 2013 we achieved ISO 9001 accreditation and Alison worked with our Quality Manager from our sister company, V-Seal Ltd, and ensures processes and procedures are in place and continue to be maintained.

You moved offices in 2020, how did that go?
This was our second move since 2014. We were keen to move to a larger site to enable us to keep more stock and materials to ensure a quick turnaround for our customer orders. It was quite a feat to move without any downtime but Alison managed to organise us all!

That's what I like about working with Alison; she isn't afraid of hard work and is more than happy to roll up her sleeves and help out in any area of our business whether it's stocktaking, cutting materials or supporting the warehouse to get orders despatched.

You've been a Member of the UKGSA for a number of years.
We joined the then Gasket Cutters Association (GCA) in 2013 and Alison joined the Committee as Marketing & Events committee member, a role she continues to hold. She works closely with the Secretariat to organise and promote events, especially the Charity Black Tie Dinner which is part of the annual Golf Day. It's an opportunity for her to add some glitz and glamour to the event!

Well done Alison; here's to the next 10 years!



Fluoro-mac from MacLellan Rubber



The Fluoro-Mac brand was introduced by us back in 2012, as a quality FKM product which would compare favourable on price against Viton A.

With our V075 being received very favourably by our Gasket Cutter customer base both in the home and overseas market, we often found demand outstripping supply. In order to combat this we have invested in our FKM programme and can now report a much more robust shelf stock profile.

That being said no amount of stock holding can guarantee supply against varying demand, we therefore urge planning ahead in order to secure your material ahead of time.

A full technical data sheet can be found at maclellanrubber.com. Simply *"Ask George".*

KEY FACTS:

- Fluoroelastomers, normally abbreviated to FKM, but more commonly referred to as commercial Viton.
- Rubber sheeting described as FKM is a highly fluorinated polymer.
- Typically used in high specification applications where resistance to high temperatures, chemicals, oils is required.
- Available from shelf stock from 1mm to 6mm thickness
- Free cutting service
- 1200mm and 1220mm wide roll widths
- Buy by the metre

MacLellan rubber

AAG appoints new UK-based Managing Director for EMEA

Leading global supplier of tailored CNC routing and cutting solutions, AAG, has announced the appointment of Chris Arend as Managing Director of its AXYZ Router, WARDJet Waterjet and CNCShop.com operations in Europe, the Middle East and Asia (EMEA). The appointment marks an important phase in AAG's continuing global influence, product innovation and market diversification.

Leading global supplier of tailored CNC routing and cutting solutions, AAG, has announced the appointment of Chris Arend as Managing Director of its AXYZ Router, WARDJet Waterjet and CNCShop.com operations in Europe, the Middle East and Asia (EMEA). The appointment marks an important phase in AAG's continuing global influence, product innovation and market diversification.

According to AAG's Senior Vice-President of Sales and Marketing, Doug LoFranco, *"Chris brings a wealth of experience and knowledge to the group, based on the contribution he made to the business success of SCM and more recently Biesse."*

Chris will be based at AAG's UK and Ireland machine assembly and distribution centre in Telford, Shropshire. He will lead the EMEA team and oversee the continued success of the group's AXYZ, WARDjet and CNCShop.com power brands.



In welcoming this new challenge, Chris commented: *"With my previous experience and familiarity with industries similar to those served by AAG, I hope to enlarge the group's already considerable customer base."*

For further information
visit www.axyz.co.uk
or telephone 01952 291600

AXYZ TAILORED ROUTER SOLUTIONS
PART OF AAG MADE IN CANADA

A look back at our Golf Day



Simon Carless, Golf Day Committee Member and Director of Munsch & Co / PTM, shares his report on our Annual Golf Day.

This year the Telford Hotel & Golf Resort in Telford, Shropshire, hosted the annual UKGSA Golf Day. Having postponed the event from 2020 due to COVID-19 lockdowns, we were fortunate to visit this excellent venue in September 2021.

Whilst later in the year than normal, we were blessed with excellent attendance and glorious late summer weather. We had 24 golfers during the day and 40 attendees in the evening.

Telford was presented in great condition but the tricky greens proved a test for most golfers, even J A Harrison's late substitute, Gary Ash, playing off a handicap of 1.

The course is very much park land with a few water hazards and a few quirky holes, like the short dog-leg 15th catching out even the most experienced golfers.

Scoring for the day was helped by the dry conditions with decent run on the fairways leading to some excellent results.

The hotel's set up is great with friendly staff, comfortable rooms and a terrace overlooking the 18th hole, enabling the competitors who had finished to offer advice, praise or just barrack the incoming teams with a refreshing cool drink

Next year, we head to our home course, Shrigley Hall Hotel and Country Club close to Manchester in the glorious Peak District. This is always a popular venue for the UKGSA and with the Hotel spending millions on refurbishments, golf machinery and the new outdoor infinity pool and BAZAAR Spa which is a must for non-golfers. **Make a note in your diary for 7 July 2022.**



Golf Day Charity Dinner

Our evening dinner raises money for our nominated charity, Macmillan Cancer Support, and provides an opportunity for Members and guests to dust off their Black Tie attire and enjoy an evening of networking.

During pre-dinner drinks, attendees were entertained by Gee Graphite and NES who both had table displays showcasing their wide range of products and services. (Gee's black mug is now regularly used in the Secretariat kitchen!).

Our compere for the evening, Sandy McEwen of William Johnston & Company, commenced the night with a Heads & Tails game. For those who have not played this game before, it acts as an ice breaker as everyone stands up and chooses 'heads' or 'tails' by placing their hands on their head or 'tail'. The compere then tosses a coin and whoever did not select the winning side of the coin sits down.

After much laughter, and a nail-biting finale, the winner of the two night stay at AnnaCapri guest house in Falmouth was Charlotte Powell of V-Seal Limited.

During the dinner, both Charlotte and Alison Ansell, our Events Committee Member, sold raffle tickets giving attendees the chance to win a range of prizes donated by Members and the venue.

A surprise prize of two VIP tickets for Manchester United Football Club, which was kindly donated by Keith Shepherd of J A Harrison, was auctioned and bought by Roger Dent of HITEK Electronic Materials who intends to take his young son to watch his favourite football team!

A four ball voucher for Shrigley Hall Hotel – our venue next year – was auctioned by Keith Payne who won the tickets during the raffle but does not play golf. The golf voucher was bought by Mark Birks of V-Seal Limited.

In total, as you'll have read from our front page article, the event raised £2,005.00 for Macmillan Cancer Support.

Save the date - our 2022 Golf Day and Dinner will be at Shrigley Hall Hotel, Golf and Country Club in Cheshire on Thursday 7th July.

Golf Trophy Winners

1ST PLACE BEST INDIVIDUAL ROUND
(sponsored by HITEK Electronic Materials) – Jeff Blakeley, Corseal's guest

RUNNER UP BEST INDIVIDUAL ROUND
(sponsored by Jointine Products (Lincoln) Ltd) – James Salt, Corseal

1ST PLACE 4 BALL TEAM
(sponsored by PTM/W C Munsch) – Corseal

RUNNERS UP 4 BALL TEAM
(sponsored by SJG International) – Anthony Jones, DLR, Paul Graham, W R Gaskets, Kevin Tate, Kewell Converters Ltd and Nic Wilde, SBR

MOST ACCURATE DRIVE
(sponsored by Kewell Converters Ltd) – Keith Shepherd, J A Harrison

NEAREST THE PIN IN 2
(sponsored by Jointine Products (Lincoln) Ltd) – Keith Shepherd, J A Harrison

HIDDEN TEAM
(sponsored by MacLellan Rubber) – Rob Dawson, William Johnston & Company, Keith Shepherd, J A Harrison, Jag Patel, DLR and Kevin Tate, Kewell Converters Ltd.

WOODEN SPOON
(sponsored by Keith Payne Products) – Jag Patel, DLR



Members On Show

CHEMUK 2021 – 15 & 16 September, NEC Birmingham

Nick Allison, Regional Sales Manager, Flexitallic UK Ltd, tells us they had a very positive CHEMUK experience. He says: *"Our prime stand location meant that it was easy for old friends to find us, and plenty of new customers to cross our path. It was good to look people in the eye and have meaningful discussions without the filter of TEAMS or Zoom."*

Multiple, high quality leads were generated for Flexitallic's extensive range of reliability/safety/environmentally enhancing sealing solutions and technical services. Overall, it was a very worthwhile experience.



Gee Graphite also attended CHEMUK and Darren Pearson, Commercial Director, said: *"ChemUK was an amazing show for Gee Graphite. The footfall to our stand was above expectation and kept us busy all day. It was great to meet with many of our existing customers and suppliers all in one place. We secured new orders and exciting new supply opportunities. We have already booked for next year".*



Engineering Design Show – 19-20 October, Coventry Building Society Arena

The Engineering Design Show is a regular show for HITEK and this year Roger Dent and both business development managers, Cameron Finch and Mo Khan attended.

Roger says: *"It was great to be back, albeit with slightly reduced exhibitors. The event was well organised, with good footfall and delivered excellent enquiries over the whole event."*



Three Counties Defence and Security Expo – 3-4 November 2021, Three Counties Showground, Worcestershire

3CDSE brings together the UK's leading innovators to create a forum for mutually beneficial commercial discussions between industry, armed forces, government, law enforcement and emergency services.

HITEK were invited to exhibit at the event which delivered good value in relationship building and promotion of their niche products resulting in a number of good opportunities generated.



Busy autumn at KCL



Kevin Tate, Sales Manager, tells us about a busy autumn at KCL.

It's been a fairly busy autumn at KCL. We're still finding that certain clients and industry sectors (particularly Aviation and Automotive), are taking their time in bouncing back from the last 18-months, but it's definitely improving at a steady rate. Material delays and price increases seem to be causing issues in most sectors at present but we're doing what we can to minimise disruption.

It was great to attend the UKGSA Golf Day – a very well organised event, good people and a lot of fun, despite the average golf on our part! Thank you to everyone for making me feel so welcome.

At the beginning of November, we attended our first major trade show since lockdown ended. The Foam Expo in Stuttgart is a major event for our industry, bringing together manufacturers and customer alike. Spread over three days it was busier than expected and provided the perfect opportunity to re-connect with suppliers, friendly competitors, and customers. We met some great new contacts and managed to further develop some key existing relationships.

The event also gave us an opportunity to review new products and machinery in the marketplace – one topic in particular, came up over and over…Sustainability! It's relevant in all sectors and we were encouraged to see foam products made from 100% recyclable material starting to emerge. Even the flooring on our stand was made from waste foam material and was a major talking point and attraction each day. Despite the busy and long days, we still managed to squeeze in a couple of excellent German beers each evening – Prost!

Now that the show is over, we're already thinking about our next event and are focused on the run up to Christmas – here's hoping that things continue to improve for everyone, and we can all celebrate a successful end to the year with our families and friends.

Have a great Festive Season!

Make the cut with water-only cutting systems from AAG

As a recent new member of the UK Gasket & Sealing Association (UKGSA), Telford, Shropshire-based AAG will be providing, via the association's quarterly newsletter, regular updates on its wide range of CNC machining solutions.



These solutions now include abrasive waterjet cutting systems for the processing of hard materials like metallic gaskets and water-only systems for soft materials like rubber, cork and foam, all of which are part of AAG's WARDJet product portfolio.

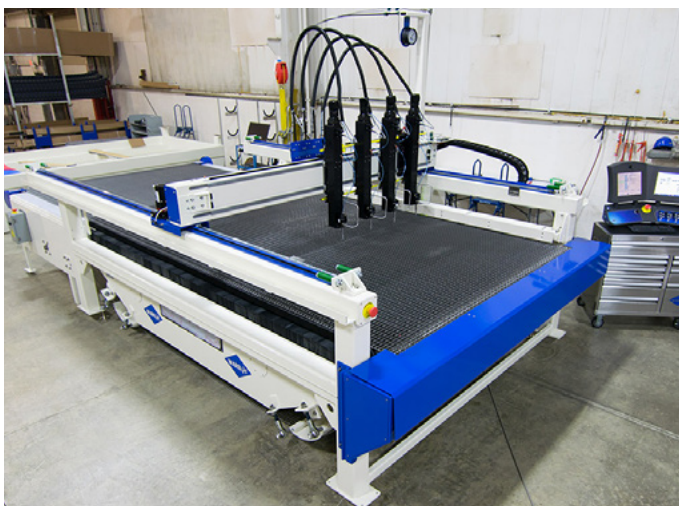
The systems can be tailored to meet the specific requirements of customers. For example, the drive system can be either ball screw, helical rack and pinion or linear, with each providing individual benefits to machine owners. Another benefit is the choice and number of cutting heads available. For example, most waterjet systems employed for gasket production are going to be sold with a minimum of two cutting heads, thereby almost doubling the production capability when compared with a single-head system. WARDJet systems have been installed with as many as 16 cutting heads. The size factors such as production levels, material cutting speeds, part size and budget will help narrow down the optimum machine configuration. This can be done with the assistance of the AAG's team of application specialists.

The optional Apex-60 5-axis cutting head further extends the capabilities of the systems and in particular their ability to handle complex 3D work. The Apex-60 will enable machine operators to cut any angle from 0 to 60 degrees, thereby reducing or potentially eliminating costly secondary finishing. A Z-travel capability of 304.8mm, expandable as required, will also accommodate the thickest materials likely to be encountered.

Two of the most popular machines for gasket cutting are the X-Series and the J-Series. The X-Series is available in a choice of four models (X-1515, X-1530, X-2040 and X-2540). The cutting envelopes of these systems are respectively 1.5 x 1.5m, 1.5 x 3.0m, 2 x 4m and 2.5 x 4m. Speeds of up to 2540cm/min are possible on each model. The water-only version of the X-Series can incorporate either manual or automatic shuttle tables to enable sheets of material to be quickly moved into and out of the cutting area.

The J-Series is available in a choice of two models (J-106 and J-128). The respective cutting envelopes are 3.05 x 1.82m and 366 x 2.43m. Both machines provide a higher cutting speed of 6350cm/min. They are typically configured with a chain conveyor to automatically load material that is either sheet- or roll-fed into the machine.

For further information, visit https//wardjet.com or telephone 01952 291600



Flexitallic UK appoints Chris Lusted as its business development manager for Scotland

Flexitallic UK, the international market leader in the design, manufacture, and supply of industrial static sealing solutions, has appointed Chris Lusted as its business development manager for Scotland.

Chris has more than nine years' experience within the sealing product sector, working across several industries, including oil and gas, hydrogen, renewables, petrochemical, food, pharmaceutical, and utilities.

His previous role was as a Sales Manager for Scotland and Ireland, which included responsibility for managing two service centres in Scotland, together with ensuring clients received 24/7 service and support.

Chris also brings a wealth of experience of the Scottish Central Belt, having previously worked with service centres in the Grangemouth industrial cluster.

He said: *"I wanted to join Flexitallic because of its commitment to innovation, combined with its extensive product range and expertise as a market leader.*

"I'm looking forward to applying my experience in customer service, business development, business development, and business management to deliver exemplary support to Scotland's process industries"



Married with two children, Chris lives near Falkirk, and lists playing golf as one of his passions.

Sam Bradley, UK Sales Director at Flexitallic, said: *"We are excited to have secured the services of Chris, who already has a proven track record within the sealing industry.*

"I'm confident Chris will make a real contribution to strengthening Flexitallic's position within Scotland by continuing to support our existing customers and introducing Flexitallic products and service offering to key operators in the region."

Flexitallic

Mac-Sil - only available from MacLellan Rubber



Introducing MAC-Sil as an addition to our high quality material line up for 2021.

Silicone Rubber or VMQ is a unique polymer formulated for high and low temperature applications where excellent levels of weathering and Ozone resistance are required. MAC-Sil also have the added benefit of being FDA approved making it ideal for use in the Pharmaceutical and Food sectors.

- High quality Seals and Gaskets
- Essential in Demanding environments
- Anti Microbial and Metal Detectable also available

Currently we are seeing very high demand for our high performance grades within both the European and UK market place, however we are proud to advise that at MacLellan Rubber we are keeping ahead of the demand curve at present however we would recommend placing any orders early.

KEY FACTS:

- Available stock from 1mm to 6mm
- 1200mm wide rolls
- 60 deg. Shore A
- FDA compliant
- Free cutting service
- No minimum order
- Order by linear metre

MacLellan rubber

Moontown Ltd – A Short History...

MOONTOWN LTD are first and foremost a seal manufacturer and as such recognise the demanding requirements industry need – quality, reliability, value & service.

We were formed in 1996 primarily to distribute PTFE Spring Energised & Hydraulic Seals, Metal O Rings and C Rings. After, with many years of growth and success, the decision was made in 2012 to manufacture "in house" and since then the company has continued to expand and establish a superb reputation within the industry, focusing primarily on the Oil/Gas & Energy sectors but having a strong foothold in Hydraulics, Marine, Machine Tools, Food, Motorsport, Semi-Conductor & MRO.

Moontown are proud to manufacture in the UK "From Powder to Part" having complete control of all aspects of the seal manufacturing process and offer seals from 2mm > 2000mm from standard profiles or to your bespoke requirements. We offer a complete 3D CAD seal design service, on site PTFE billet production, in house spring winding, advanced CNC manufacturing processes and EDM facilities for tool making. Our highly trained staff, facility and process make us the leading PTFE seal manufacturer in the UK. With no tooling or minimum quantities, we can satisfy any requirement from special "one offs" to production runs at the highest standards in a





range of materials including those with NORSOK, API 6A & FDA approvals at competitive pricing with deliveries to suit.

The next chapter of the MOONTOWN story started in 2020 with the introduction of our new "FastSeal" service! As the world sadly suffered under a crippling pandemic, we were able to continue our expansion plans and invest further in equipment, personnel and training and as such we can now manufacture virtually any seal in house > 600mm OD* in a vast range of standard and high-performance materials including NBR, FPM, POLYURETHANE, SILICONE, EPDM & POLYACETAL, PEEK & PTFE for Hydraulic, Pneumatic, Static or Dynamic applications.

UK Sales Manager, Steven Ratcliffe says *"We are proud to be accepted into the UKGSA and look forward to a long and successful relationship with its members. 2022 looks like another challenging year but we have some exciting plans and cannot wait to share them with you!"*

Moontown Ltd are an ISO 9001:2015 approved company and member of the BVAA (British Valve & Actuator Association).

MOONTOWN LTD

Promoting Member Offcuts

Members of the UKGSA can now advertise their material offcuts on a new web page on our website.

Simon Winfield, chair of the UKGSA explains: *"Members have been able to advertise their material offcuts for free in our quarterly e-newsletter, however, as they are often time limited offers, we wanted to highlight these more proactively through our website and promote through our social media channels."*

He added: *"The Offcuts web page lists the material, size, quantity, price and Member contact and is another example of the benefit of joining the Association."*

View the new Offcuts web page under our Resources section. **https://ukgsassociation.co.uk/offcuts**

Latest Offcuts:
W C MUNSCH & CO HAS THE FOLLOWING OFFCUTS AVAILABLE:

Material: 1.5mm Nitrile bonded cork
Size: 600mm x 450mm rectangle
Quantity: 5,000+
Price: £0.50 each
Contact: Paul Gregory
Email: paul@epdm.co.uk
Tel: 07479 778989

Material: 25mm SAB EPDM sponge
Size: 1500mm x 850mm
Price: on request
Contact: Paul Gregory
Email: paul@epdm.co.uk
Tel: 07479 778989



Events Calendar



Here are some upcoming industry events and we have highlighted the ones our Members are attending.

If you are going to these events, please pop along and support your fellow Members or if you are attending any not listed, please let us know.

March 2022

16-17 March
Medical Technology UK
Southbourne Rubber will be exhibiting

April

4-8 April
Mach
NEC Birmingham

5-7 April
Drives & Controls / Fluid Power & Systems / Plant & Asset Management / Smart Industry Expo / Air-Tech Exhibition
NEC Birmingham

April

5-7 April
Wind Europe, Bilbao, Spain
James Walker will be exhibiting their bolting and rotary sealing technologies

26-28 April
MRO Americas, Dallas, Texas
Southbourne Rubber will be exhibiting

July

18-22 July 2022
Farnborough Airshow
Southbourne Rubber will be exhibiting

November

29 November – 1 December
Valve World Europe, Dusseldorf
James Walker will be exhibiting their valve sealing technology and fugitive emissions with compression packing, valve seats, gaskets and elastomeric seals.

Claim Your FREE Advert

Claim Your FREE Advert

The UKGSA offer existing Members one FREE colour advert to appear in one issue of Cutting Edge e-newsletter per membership year. Many UKGSA Members already take advantage of the free news editorial in the e-newsletter to share their company updates, product developments, staff news etc, but the addition of the free advert provides Members with even more opportunity to promote their business across the Association and to our wider contacts. Non-members can also place adverts in the e-newsletter for a nominal charge. And new Members will receive a free half page advert when they sign up! To book your advert contact the Secretariat info@ukgsassociation.co.uk

Rates

	Members	Non Members
Full Page	£350	£440
Half Page	£200	£250
Quarter Page	£125	£155



Resources Available



Over the past few months we've been busy collating and sorting through a plethora of information to develop a new Resources area. This area contains four areas. Thank you to members who have contributed to developing this area which we hope will be beneficial to Members and website visitors.

Common Technical Names

A list of common technical names which are widely used across the gaskest and sealing sectors, along with their more commonly used names.

Visit the web page at:
https://ukgsassociation.co.uk/common-technical-names/

Material Storage Guidelines

Our Members recommend storage guidelines, subject to material type, and guidance published in BS standards for Cellulose Paper, Felt, Jointings, Rubber.

Visit the web page at:
https://ukgsassociation.co.uk/material-storage-guidelines/

Member Product Trade Names

Product trade names used by UKGSA Members for products manufactured or supplied by them.

Visit the web page at:
https://ukgsassociation.co.uk/member-trade-names/

Industry Standards

A list of industry standards used by UKGSA Members including ASME, ASTM, British Standards, ISO, JIS and more.

Visit the web page at:
https://ukgsassociation.co.uk/industry-standards/

If you would like to add information to these Resources, please contact the Secretariat.

info@ukgsassociation.co.uk

Viton – certified Chemours distributor since 2017

Viton is a brand name we have all come to know and stand by in the trade for its exacting high quality standards and superior performance in the most demanding applications.

As an authorised distributor for Chemours, we are happy to advise we are stocking up to keep you supplied.

At MacLellan Rubber we are able to supply Grade A Viton by the liner metre without a minimum order charge (T&C apply).

We are seeing very high demands for a number of our high performance grades within the UK and European markets, however our robust supply chain is keeping ahead of the curve. That being said, to ensure your supply needs are met and to help us plan accordingly, please place your orders early.

KEY FACTS:

- Available stock from 0.5mm to 10mm thickness
- 1400mm and 1220mm wide rolls
- Fully certified genuine Chemours Viton A
- Order by the linear metre
- Free cutting service
- No minimum order

MacLellan rubber

What Our Members Have Been Up To

AXYZ
3,106 followers
3d •

Thanks to Noel & Chris for the amazing team breakfast! Frittata and engineering go well together!

#axyz #team #teamwork #frittata



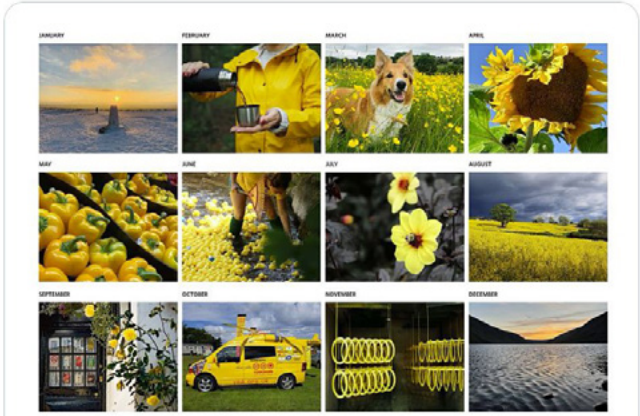
Silicone Engineering
1,354 followers
2w •

kSil® silicone sponge sheeting is available in a range of densities, providing design engineers a wide material choice for application solutions. Find out more https://bit.ly/3EZeFDu #kSil #silicone



Flexitallic @Flexitallic_ · Nov 25

Congratulations to the 2022 Flexitallic desk calendar photography competition winners - the subject this year was 'Yellow'. Calendars will be distributed in December. #photography #flexitallic #Competition



RGH Rubber & Plastics Ltd @rgh_rubber · 5h

With our experience spanning a range of industries, our customers benefit from our cost-effective, quality-assured methods of converting and manufacturing technical #rubber, #fabric, #plastic and #foam.

Find out more: rghrubber.co.uk
#BritishSME #BuyBritish #UKMfg



HITEK Electronic Materials Ltd
622 followers
2w •

On Friday HITEK Electronic Materials Ltd employees raised £81 for the Royal British Legion. The support RBL gives to members of the Royal Navy, British Army, Royal Air Force, veterans and t ...see more

HITEK
ELECTRONIC MATERIALS LTD

Follow the UKGSA on Social Media:

Twitter: @UKGSAssoc

LinkedIN: @uk-gasket-sealing-association

LinkedIN Group: https://www.linkedin.com/groups/4707335

Meet Your Committee

The UKGSA is led by a Committee who help ensure that the UKGSA's activities serve the needs of our members.

Here is the Committee for the year 2020/21:



Sandy McEwen
VICE CHAIR & FUNDRAISING



SAM BRADLEY
TREASURER

Andrew Crowther
OFFICER





ROGER DENT
OFFICER

Alison Ansell
MARKETING & EVENTS



Simon Carless
GOLF DAY



UK GASKET & SEALING ASSOCIATION



Simon Winfield
CHAIRMAN



Keith Payne
MEMBERSHIP

If you're interested in joining the Committee please get in touch.

UKGSA : What We Do

What You can Expect from Us and How We can Help You Reach Your Goals

Networking Events – serving our members with activities designed to promote success and growth, through collaboration and best practice. The Association aims to provide a platform for members to network with decision makers and influencers at the highest level and across all sectors of our industry.

Technical Events – industrial and manufacturing tours or presentations to member and non-member sites. These events aim to give insights to advanced manufacturing, best practice and material technical developments that will inspire our membership.

Technical Support – members have access to an unprecedented technical resource in their fellow members who are available to offer support on manufacturing issues, material selection and processing, and design & development.

Representing our Members
Behind the scenes we actively promote our members' activities and views through press releases to national and international trade magazines and general media.

We represent our industry to various technical bodies on international standards and actively look for opportunities to promote our values.

We aim to proactively promote our members' views to government and trade bodies and influence the decisions of those organisations to the benefit of our members.

Marketing Support
We actively use social media (Twitter and LinkedIn) and encourage all of our members to follow and tag us. We also publish member profiles on our website in addition to sharing news stories.

We are extremely active, developing strong media relationships with all of the mainstream manufacturing & engineering publications.

We also send out regular email newsletters to our members and our wider industry contacts with a variety of information as well as member news features.

Procurement Support
Through our affiliation with the British Standards Institute members are able to acquire electronic copies of UK, European and International standards at discounted prices.

Charitable Giving
We aim to support our chosen charity – Macmillan Cancer Support – through fundraising activities undertaken at our events, such as our annual charity dinner, and directly by our members.



If you are interested in joining the UKGSA Click Here.

UKGSA : Members List

AS Rubber & Plastics Limited
Elwell Street, West Bromwich,
West Midlands B70 0DN
T: 0121 5205782 F: 0121 5203515
www.asrubber.com

British Felt Co.
Unit 5, Fingle Drive, Stonebridge,
Milton Keynes,
Buckinghamshire MK13 0AT
T: 01908 320329 F: 01908 226599
www.britishfelt.com

Corseal Limited
Unit 5A, Bull Lane Industrial Estate,
Acton, Suffolk CO10 0BD
T: 01787 282444
www.corseal.co.uk

Direct Gaskets Ltd
Units 26-36, Dansom Lane South,
Hull HU8 7LA
T: 01482 219655 F: 01482 321162
www.direct-gaskets.co.uk

DLR Elastomer Engineering Ltd
Unit 1A & B, Leyland Business Park,
Centurion Way, Leyland, Lancashire PR25 3GR
T: 01772 450930
https://elastomer.co.uk

East Anglian Sealing Co. Limited
Unit 3-9, Goldingham Hall,
Bulmer, Sudbury, Suffolk CO10 7ER
T: 01787 880433 F: 01787 880442
www.easeals.co.uk

Flemings Seals and Polymers Limited
Atlas Mills, Atlas Mill Road, Brighouse,
West Yorkshire HD6 1ES
T: 01484 718391
www.flemingssp.co.uk

Flexitallic UK Ltd.
Scandinavia Mill, Hunsworth Lane,
Cleckheaton,
West Yorkshire BD19 4LN
T: 01274 851273 F: 01274 851386
www.flexitallic.eu

Gee Graphite Ltd
Havelock Street, Ravensthorpe Industrial Estate, Dewsbury, West Yorkshire
WF13 3LU
T: 01924 481463
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HITEK Electronic Materials Limited
15, Wentworth Road, South Park
Industrial Estate, Scunthorpe,
North Lincolnshire DN17 2AX
T: 01724 851678 F: 01724 280586
www.hitek-ltd.co.uk

J A Harrison & Co. Limited
Britain Works, Greengate Ind. Estate,
Greenside Way, Middleton,
Manchester M24 1SW
T: 0161 832 2282 F: 0161 832 3263
www.jaharrison.co.uk

J P Polymer Sheetings Limited
26, Coneygre Industrial Estate,
Birmingham New Road, Tipton,
West Midlands DY4 8XP
T: 0121 520 5020 F: 0121 522 4610
www.jppolymer.co.uk

James Walker & Co. Ltd
Joint Cutting Services, Gote Road,
Cockermouth, Cumbria CA13 0NH
T: 01900 823555 F: 01900 827138
www.jameswalker.co.uk

Jointine Products (Lincoln) Limited
Lindum Business Park, Station Road,
North Hykeham, Lincoln LN6 9AU
T: 01522 690050 F: 01522 690060
www.jointine.co.uk

Keith Payne Products Limited
Unit 2, Manfield Park Industrial Estate,
Guildford Road, Cranleigh,
Surrey GU6 8PT
T: 01483 276000 F: 01483 278167
www.keithpayneproducts.com

Kewell Converters Ltd
KCL House, Station Road,
Edenbridge, Kent TN8 6HL
T: 01732 864310 F: 01732 865206
www.kewell-converters.co.uk

Lonestar Leeds Limited
Units 2-4, Orbital Industry Park,
Hudswell Road, Leeds LS10 1AG
T: 0113 2051900 F: 0113 2051909
www.lonestarleeds.com

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T: 01902 307711 F: 01902 305201
www.maclellanrubber.com

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NG17 7LE
T: 01623 751515
www.moontown.co.uk

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Acorn House, Oak Industrial Park,
Great Dunmow, Essex CM6 1XN
T: 01371 875941
www.rghrubber.co.uk

Silicone Engineering Ltd
Greenbank Business Park,
Blakewater Road, Blackburn,
Lancs BB1 3HU
T: 0845 674 4747 F: 01254 583519
www.silicone.co.uk

SJG International Limited
Wesco House, Tything Road, Arden
Forest Ind. Estate, Alcester B49 6ES
T: 01789 763721
www.sjginternational.com

Southbourne Rubber Co. Ltd
47, Aston Road, Waterlooville,
Hampshire PO0 7XJ
T: 02392 255180
www.sbr.aero

The Seal Extrusion Company Limited
Unit 5A, Bull Lane Industrial Estate,
Acton, Sudbury, Suffolk CO10 0BD
T: 01787 827070
www.sealextrusions.com

V-Seal Ltd
Unit 2, Park Road Mills, Park Road,
Elland, West Yorkshire HX5 9HX
T: 01422 300009 F: 01422 363025
www.vseal.co.uk

WARDJet
Telford 54 Business Park, Nedge Hill, Telford, TF3 3AL
T: 01952 291600
https://www.wardjet.com

W C Munsch & Company Limited
Units AG2/3, Clarence Mill,
Clarence Road, Bollington,
Macclesfield SK10 5JZ
T: 01625 573971 F: 01625 573250
www.epdm.co.uk

William Johnston & Company Limited
9, Speirsbridge Terrace, Thornliebank Industrial Estate, Glasgow G46 8JH
T: 0141 620 1666 F: 0141 620 1888
www.williamjohnston.co.uk

WR Gaskets Limited
Units 1-3, Haven Light Ind. Estate,
Gilbey Road, Grimsby,
N.E. Lincolnshire DN31 2SJ
T: 01472 355596 F: 01472 355920
www.wrgaskets.co.uk