



MANUFACTURER OF GASKETS, FOAM TAPES
FABRICATED AND THERMOFORMED PRODUCT
SOLUTIONS.



UK Industry Leader
Of cellular solutions



Global Accreditation
TS16949 & ISO14001



Experience of
Over 50 years



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At Ramsay we have over 50 years experience in the production and supply of technical lightweight sponge, foam and fabric solutions.

PAUL KILLEEN, MANAGING DIRECTOR

Meet the

Commercial Team



Paul Killeen
Managing Director

Paul has over 30 years of industry experience and knowledge. As Managing Director he ensures that Ramsay delivers exceptional service, support and supplier performance.



Howard Green
Sales Manager
T: +44 (0) 1902 407163
E: howard.green@ramsayrubber.com

Howard has a wealth of experience within the conversion industry. He has over 30 years of service with Ramsay covering materials, technical and applications.



Ricky Sanders
Account Manager
T: +44 (0) 1902 407160
E: ricky.sanders@ramsayrubber.com

Ricky is responsible for the project management of our key accounts.



Pete Jones
Marketing Manager
T: +44 (0) 1902 407164
pete.jones@ramsayrubber.com

Pete is responsible for the marketing and business development strategy for our business.

Customer focus and dedication



RAMSAY ARE A UK LEADING MANUFACTURER OF GASKET AND THERMOFORMED PARTS

in technical high performance lightweight materials. For sealing, NVH, thermal and acoustic applications to OEMs across industry and the world.

Our objective is to provide our customers with quality products in accordance with TS16949, ISO14001 and ISO9001 standards to deliver a guaranteed service.

With over 50 years of material, process and application knowledge, combined with a cost and time effective solution based approach, we have ensured that we remain at the fore-front of our industry.



60,423,412
Products
Manufactured



9,116
OTIF
(On time in full)



27
Countries
Supplied



412
Happy
Customers

Cellular sealing solutions



DIE CUT GASKETS

With complete conversion capabilities, Ramsay offer a variety of customer specific die cut gaskets, in a wide range of materials, shapes, sizes, thicknesses and densities to suit your sealing application requirements.

FOAM TAPES

Ramsay offer a variety of customer specific adhesive foam tape widths and thicknesses in a range of technical materials and adhesive systems.

FABRICATION & ASSEMBLY

We have the broad capability to fabricate materials to replace semi-structural parts in cellular sponge, foams, fabrics and rubber materials. The outcome is reduced cost, improved light weighting and sealing.

THERMOFORMING

Ramsay thermoform a range of product solutions. Our core materials are ECOcell foam, Polyamide NB foam and Polyethylene foams.

Support, every stage of your project

**FROM RECEIPT OF YOUR
ENQUIRY, RAMSAY WILL
OFFER TECHNICAL SUPPORT.**

Advising the best product and high performance material solution that suits your specific application and assembly process requirements.

We assist with product development, on-site support and samples. Ensuring a straightforward development and purchasing process.

Our customers are central to our business and that is why our service does not stop at product development, we offer a customer service with a difference.

Enquiry



**Technical
Support**



**On-Site
Support**



**Project
Launch**



**OTIF
Delivery**



Customer Service with a difference



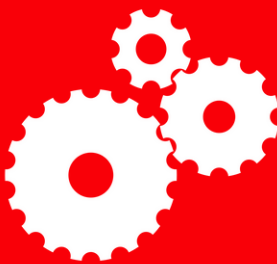
SOLUTION EXPERTISE

With over 50 years of material, process application knowledge and with a trained and skilled team we are a proven solutions provider and partner.



TOTAL FLEXIBILITY

Project delivery that supports product design, complements customer process, assembly and delivery lead-time requirements.



YOUR PARTNER

Open communication with our customers is key for a strong collaborative approach. Strengthening partnerships and ensuring that we deliver effective decision making.



GUARANTEED SERVICE

Monitored SLAs supported by our designated account managers, ensure that we satisfy customer requirements through our integrated CRM system.



Automotive Relationship

FOR MORE THAN 25 YEARS, RAMSAY HAS SUPPLIED GLOBAL AUTOMOTIVE OEMS AND TIERS 1-3

With high performance light weighting sealing, NVH, thermal and acoustic product solutions, across all platforms and systems.

We are a member of SMMT, helping to support the UK automotive industry, whilst strengthening our commitment, influence and relationship. We regularly attend OEM events, contributing to engineering, lightweighting and other key industry issues.

AUTOMOTIVE FACTS:

- Supplier for 25 years.
- Supplier to 50 Tier 1 organisations globally.
- Over 500 SKUs supplied globally.
- Supplier to 20 countries worldwide.
- 60 Million parts supplied per annum.
- TS16949 & ISO14001 Accredited.
- Part of the global supply chain to 15 OEMs.



A twin solution Case Study

THE CHALLENGE

A plastic injected door fender component for their customer Jaguar Land Rover. Our customer experienced continued sealing and NVH issues, due to the irregular surface area of the application. They were utilising two rubber moulded product components, to try and resolve the issue, unfortunately with no success.

OUR SOLUTION

Ramsay developed a fabricated adhesive foam seal. That compromised of semi closed cell Nitto E1010 foam, laminated with a closed cell R230/10 EPDM sponge. The materials where laminated and die-cut in three stages to meet the complex sealing requirements.

The closed cell EPDM sponge would act as an internal sealing barrier. Whilst the Nitto foam due to its cell structure would compress into the application to provide a water and air tight external seal, when fitted. It also provided an enhanced NVH solution.

OUR CUSTOMER
IS A GLOBAL
SUPPLIER OF
INJECTION
MOULDING
AND SPECIALIST
PLASTICS.



SEALING, NVH, THERMAL AND ACOUSTIC SOLUTIONS ACROSS A VARIETY OF AUTOMOTIVE APPLICATIONS

INTERIOR CABIN /COCKPIT

Nitto, EPDM, Polyurethane and Synthetic Felt gasket products providing technical sealing (air, dust, water ingress) and NVH solutions for interior cabin applications.

HVAC & AIRFLOW

Sealing strips and gaskets for HVAC, ducting and airflow systems. In Nitto, Polyurethane and Polyethylene materials for sealing, thermal and acoustic solutions.

FUEL TANK SYSTEMS

Cellular sponge and solid rubber adhesive pads and strips, utilising a wide range of EPDM/ Neoprene and nitrile materials. Providing tank protection and NVH solution, with petro-chemical and abrasion resistance.

EXTERIOR SYSTEMS

Gasket and foam tape products for exterior systems. For product sealing, protection and spacing /fillers.

LIGHTING SYSTEMS

Utilising Silicone, Nitto, and EPDM Blend materials, we manufacture a wide range of custom gasketing product for high performance sealing in lighting systems.

ROOF SYSTEMS & OVERHEAD

EPDM gaskets for sealing roof rail/feet and Polyurethane/felt tapes for panoramic roof systems to limit NVH.

DOOR SYSTEMS

To prevent water ingress we utilise a variety of lightweight, high performance Polyethylene and EPDM seals/gaskets. We also have the capability to thermoform ECOcell foam and a range of foams for door liners.





NITTO EE1010
INTERIOR KISS-CUT GASKETS



POLYETHYLENE FOAM
FABRICATED GAP FILLER



EPDM SPONGE
ROOF RAIL GASKETS



POLYETHYLENE FOAM
HVAC SINGLE GASKETS



POLYETHYLENE & NON WOVEN
FABRICATED FILTER



POLYURETHANE & FELT
PANORAMIC ROOF TAPE



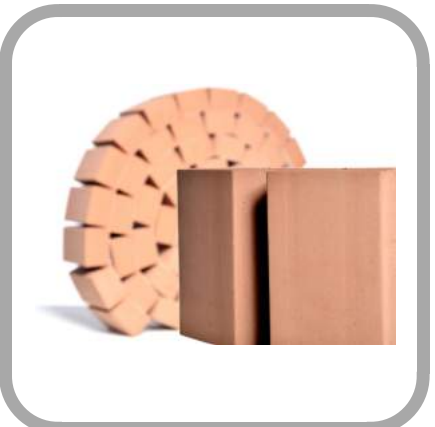
POLYETHYLENE FOAM
EXTERIOR FABRICATED SPACERS



SYNTHETIC FELT
COCKPIT GASKET



NITRILE PVC
BOOT SPACER



EPDM/NEOPRENE BLEND
FUEL TANK PADS



EPDM SPONGE
DOOR HINGE GASKETS



SOLID RUBBER
BUMPER GASKET

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We have an extensive range of materials and products for sealing, NVH, thermal and acoustic solutions.

SEKISUI

 **armacell**[®]

 **ROGERS**
CORPORATION

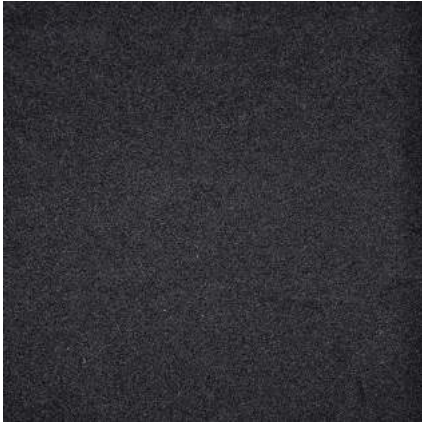
3M

 **RECTICEL**

 **AVERY**
DENNISON

autoneum

Nitto



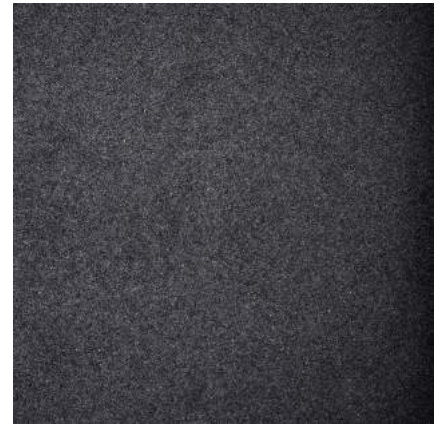
Neoprene Sponge

Density : 140 – 180 kgm³
Temperature : -40°C – +120°C
Colour: Black & Grey



Neoprene/EPDM Blend

Density : 55 – 85 kgm³
Temperature : -40°C – +95°C
Colour :Various Colours



EPDM Sponge

Density : 110 kgm³ - 160 kgm³
Temperature : -40°C – +95°C
Colour : Black & White



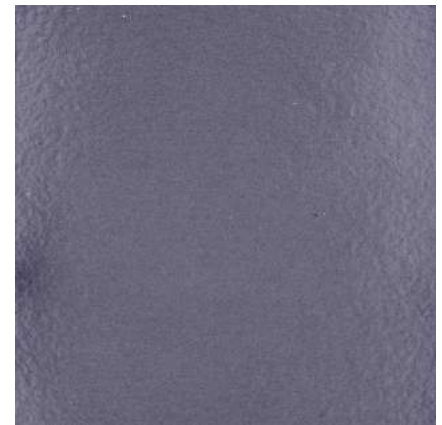
Solid Rubber

Density : 65° - 70° Shore A
Temperature : -30°C – +110°C
Colour :Black



Polyurethane Foam

Density : 15 - 100 kgm³
Temperature : -40°C – +110°C
Colour :Grey



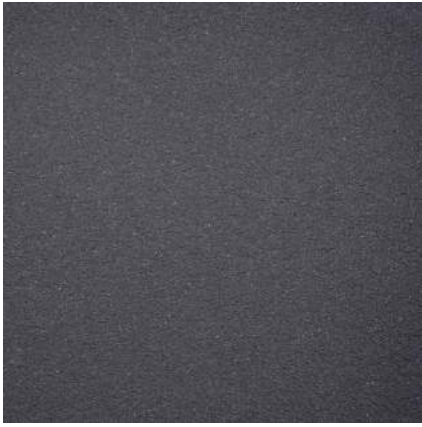
PVC Foam

Density : 100 - 200 kgm³
Temperature : -30°C – +80°C
Colour :Black , White & Grey



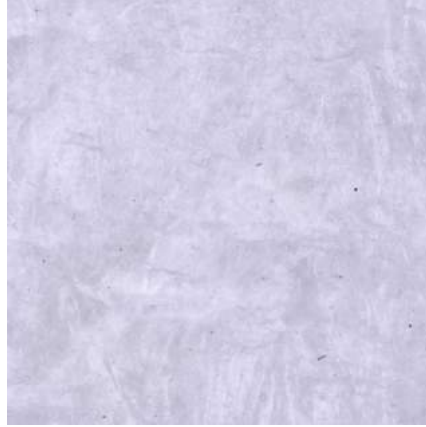
Polyethylene Foam

Density : 15 – 115 kgm³
Temperature : -80°C – +120°C
Colour : Various Colours



Nitrile PVC

Density : 55 – 85 kgm³
Temperature : -55°C – +85°C
Colour :Black



Woven-Fabric

Please Enquire



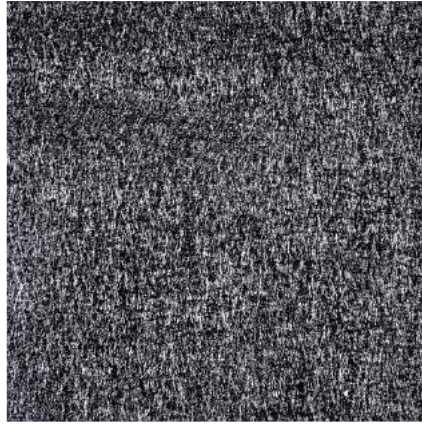
EPDM Sponge Plus

Density : 55 kgm³
Temperature : -200°C – +150°C
Colour : Black



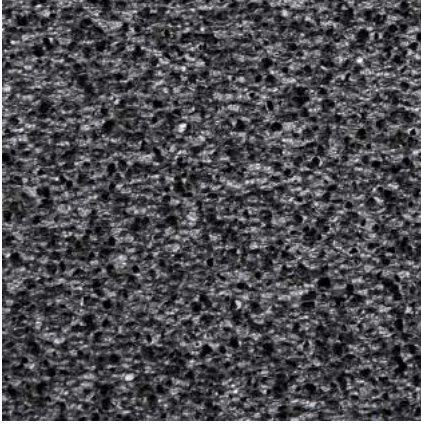
Synthetic Felt

Please Enquire



Non-Woven

Please Enquire



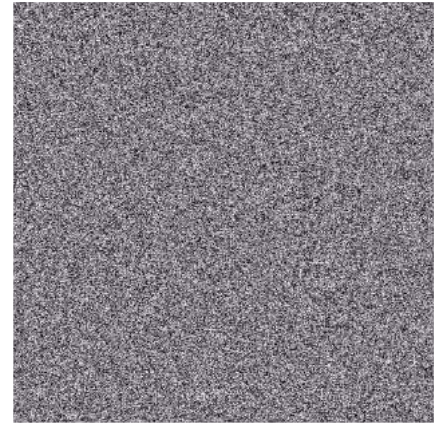
Nitto Foam (EPT)

Density : 90 - 130 kgm³
Temperature : -40°C - +135°C
Colour :Black



Superseal Foam

Density : 33 - 44 kgm³
Colour :Dark Grey



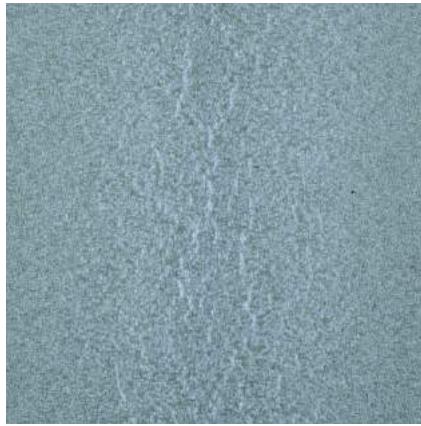
Polyamide NB Foam

Density : 30 - 100 kgm³
Temperature : 70°C - +205°C
Colour : Grey



Silicone Sponge

Density: 200 - 530 kgm³
Temperature : -60°C - +230°C
Colour : White



ECOcell Foam

Density : 70 - 400kgm³
Temperature : -40°C - +150°C
Colour :Green & Grey

HIGH PERFORMANCE

Complete process control

ALL OF OUR HIGH PERFORMANCE PRODUCTS ARE MANUFACTURED AT OUR SITE IN WOLVERHAMPTON

Ramsay are the preferred UK manufacturer, with complete conversion process control. From material slitting, adhesive lamination, die-cut, stamping, fabrication and assembly.

MATERIAL SLITTING

- ✓ Continuous rolls or individual sheets
- ✓ Twin loop splitting machines
- ✓ Automated slitting process
- ✓ Precise thickness tolerance control
- ✓ Customer specific capabilities

ADHESIVE LAMINATING

- ✓ Adhesive lamination to substrate
- ✓ Single or double sided
- ✓ Finger Lift / Tabbed liner capabilities
- ✓ Single process lamination and slitting

DIE-CUT & STAMPING

- ✓ Digitally Controlled Tooling System
- ✓ CNC controlled die-cut process
- ✓ Die-cut individually or kiss cut on a roll
- ✓ Maximum utilisation of material
- ✓ Waste material removal

FABRICATION & ASSEMBLY

- ✓ Sub assembly
- ✓ Customer specific fabrication
- ✓ Bi or Multi substrate lamination





Quality you can trust

**RAMSAY ARE ACCREDITED TO
TS16949, ISO9001 & ISO14001**

We will achieve the new IATF 16949:2016 standard in April 2018. All of our materials are registered in accordance with IMDS and are ROSHH/REACH compliant.

Our products are supplied in a condition of supply that complement our customer's process/assembly requirements, with product development and technical support from our project management team with full APQP, FMEA planning and PPAP approval.

We see our customers as partners, working together with a collaborative approach to ensure we continually achieve our quality and overall service. We support our customers with further product development, on-site technical support and VA/VE analysis/activity supporting customer competitiveness.





ECOcell foam

**100% RECYCLED,
100% RECYCLABLE**

Ramsay have the capability to manufacture thermoformed and die-cut ECOcell foam products. Providing sealing, impact protection and weight reduction solutions. Made from 100% recycled PET bottles, 100% of production scrap flows back into manufacturing and ECOcell foam can be completely recycled at the end of its service life.

- 70 - 400kg/m³ Density
- Insulation properties (0.029 W/mK)
- Service Temperature -40°C to +180°C
- Oil, water and chemical resistant
- FMVSS 302 and DIN 4410 fire tested

ECOcell foam is available in 1mm to 6mm thickness (Green or Grey finish), with a density range of 70 - 400kg/m³ dependant on thickness. This material is designed to provide a highly sustainable and improved alternative to cross-linked XPE, XPP and a variety of other plastic products.

AUTOMOTIVE APPLICATIONS

- Door liner
- Body protection
- Battery covers
- Roof trunk liner
- Wheel protection
- XPE /XPP applications



Die-cut gaskets, sealing tapes and assemblies in technical lightweight materials

- Supplier for 25 years
- 60 million parts supplied annually
- Part of supply chain to 15 OEMs
- Supplier to 50 Tier 1s



GET IN TOUCH

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