

**BARNWELL...
IN BRIEF**



SEALING PRODUCTS

AFTERMARKET REPAIR KITS

ASSOCIATED PRODUCTS

THE UK'S LEADING STOCKIST AND DISTRIBUTOR OF **FLUID SEALING PRODUCTS**



RS 00530 EMS 618861

M BARNWELL SERVICES Ltd HEAD OFFICE



BARNWELL

THE SEAL OF APPROVAL

A COMPLETE SERVICE



M Barnwell Services is the UK's largest independent stockist and distributor of fluid sealing products. With over 40 years' experience we have always exceeded our customers' expectations through consistent delivery of quality, service & value.

Our range of services include:

- ✦ Stocking/Supplying a vast & diverse product range – with over 35,000 stock lines
- ✦ An efficient logistical capability offering National coverage – with 5 distribution centres including the Central Distribution Warehouse in Birmingham (56,000sq ft) & satellite warehouses in Dartford, Glasgow, Bristol, & Manchester
- ✦ Industry leading bespoke Branding & Packaging technology
- ✦ ISO 9001 & 14001 Quality Registered (Headquarters)
- ✦ Strategic partnerships with large Blue Chip customers & leading worldwide brands
- ✦ Seal Maker (24 hour turnaround) & Clean Room services that are tailor-made to the customer's needs
- ✦ A dedicated Export Department – providing sealing solutions to over 60 countries

We aim to always work in partnership with our customers to provide expert industry knowledge, technical expertise & reduce their long-term costs. Applying our unique product knowledge to specific customer needs, we always offer the right sealing solution for any industry.

Image Branded Packaging

Let M Barnwell Services take the time-consuming and expensive process of building kits out of your production process. Sourcing, assembling, packaging & branding can all be achieved through the 'First Impressions' service.

This dedicated facility can also 'image brand' the kits in accordance with the logo, colour & corporate guidelines of your company.



- ✦ Sourced: M Barnwell Services will source, stock & supply products according to your scheduled requirements
- ✦ Packed: Automated packing machines can provide pack sizes & quantities according to the customers requirements
- ✦ Labelled & Branded: Product can be supplied, labelled & branded providing customers with immediate saleable products
- ✦ Delivered: All products will be 'ready to go' according to the customers pre-advised delivery & production schedules



24 HOUR
SEAL MAKER

SAMPLE
IDENTIFICATION

SUPPLY
CONSOLIDATION

CLEANROOM

ONSITE
CONSULTATION

REVERSE
ENGINEERING



O-Rings & Back-Up Rings

SIZES: Over 10,000 sizes available

MATERIALS: Polyurethane (AU), Nitrile (NBR), Hydrogenated Nitrile (HNBR), Viton® (FKM/FPM), Fluorosilicone (FVMQ), Ethylene propylene (EPDM), Silicone (VMQ), Hytrel®, Kalrez® (FFKM), Aflas® (FEPM), PTFE & many more

APPROVALS: WRC, WRAS, FDA, DVGW, KTW, BGVV, KIWA, USP, NSF/ANSI, ACS, EU2002/72, EN681-1, EN549 and EN682

KITS: Metric and Imperial Kits & Top-up Bags available

ASSOCIATED PRODUCTS: Encapsulated O-Rings (FEP/PFA), Lube, Gauge



Rotary Shaft & Oil Seals

SIZES: Over 9000 sizes available

MATERIALS: Nitrile (NBR), Viton® (FKM/FPM), Silicone (VMQ), Leather, PTFE

TYPES: DIN3760, A, B, AS, BS, S, SAS, L, ABG, BG, G, EXT-R, EXT-L, SP, ADP (Hydrodynamic Lip) & High Pressure, Combi, & Cassette Oil Seals

ASSOCIATED PRODUCTS: Gamma Type Seals, Shaft Repair Kits, Circlips, Bearings, Sealants, End Caps, V-Rings



Hydraulic & Pneumatic Seals

SIZES: Over 8000 sizes available

MATERIALS: Polyurethane (AU), Nitrile (NBR), Hydrogenated Nitrile (HNBR), Viton® (FKM/FPM), Fluorosilicone (FVMQ), Ethylene propylene (EPDM), Silicone (VMQ), Nylon®, Nylatron®, Acetal, PTFE & many more

STYLES: Pressure Seals, Wipers, Rod Seals, Piston Seals, Vee Packs, U-Rings, Guide Rings, Wear Rings, Rod Composite, Piston Composite & many more

ASSOCIATED PRODUCTS: High Performance Polyurethane Generation 94 AU 3000 also available



24* Hour Seal Maker (Manufactured On-Site)

SIZES: Various sizes to suit standard, bespoke & prototype fluid seals

MATERIALS: Nitrile (NBR), Viton® (FKM/FPM), Silicone (VMQ), Ethylene Propylene (EPDM), PTFE & many more

WHY CHOOSE THE SEAL MAKER SERVICE:

No minimum order quantity, No minimum start up charge, No tooling limitations, Bespoke profiles service, Sample identification, & Rapid delivery

*Conditions Apply



Barnwell Selection Boxes & Kits

SIZES: Various sizes to suit your requirements

MATERIALS: Any material to suit your requirements

TYPES: Bespoke Kit Types to suit your specification

STANDARD KITS AVAILABLE: O-Ring Kits, Splicing Kits, Flange Kits

O-Ring Face Seal Kits, Sealing Washer Kits, Circlip Kits, Grease Nipple Kits, X-ring, D-Ring Kits, O-Clip Kits, Copper Washer Kits & many more available

Applying our unique product knowledge to your specific needs we will always offer the right sealing solution



Bonded Seals & Washers

SIZES: Over 2000 sizes available

MATERIALS: Rubber - Nitrile (NBR), Viton® (FKM/FPM), Hydrogenated Nitrile (HNBR), & Ethylene propylene (EPDM), Steel, Carbon, Zinc plated, Copper

TYPES: Self-Centralising Bonded Seal, Standard Bonded Seal, Barloc Washer, Barlon Washer & many more

STANDARDS: British Imperial, ISO R261 BS3643, ISO R261 BS3643, ISO 1179:1973, DIN7603



Bus, Truck & Trailer Seals

SIZES: Over 1000 sizes to suit the majority of Truck, Bus & Trailer fleets

APPROVALS: OEM Approved Products from stock

TYPES: Hub / Axle Seals, External Seals, MBE-Barrier Seals, Unitised / Cassette

KITS: Fleet / Bus, Truck & Trailer Kits available

MANUFACTURERS: We can supply replacement seals to suit Volvo, Mercedes, Scania, MCW, Leyland, Dennis, Optare, ERF, Ford, Bedford, MAN & many more



Gaskets, Packings & Sheet Materials

SIZES: Over 6000 sizes available

MATERIALS: Compressed Fibre, Ethylene propylene (EPDM), Neoprene® (CR), Nitrile (NBR), Silicone (VMQ), Viton® (FKM/FPM), Foam, Copper & many more

TYPES: Refrigeration Compressor, Camlock, Tri-Clover, Spiral Wound, Metallic, Rocker Cover, Heat Exchanger Soft Cut, Exhaust, Cylinder Head, Sump Shims, Precision Washers, Heat Shield, Diaphragms

MANUFACTURING CAPABILITIES: Die Cut Gaskets, Water Jet Cut, Laser Cut, Kiss Cut, Moulded Gaskets



Mechanical Seals

SIZES: Vast range to suit all types of pumps & compressors

MATERIALS: Carbon, Stainless Steel, Tungsten Carbide, Ceramic, Silicone Carbide, Ni-Resist, Elastomers & many more

TYPES: Conical Spring, Elastomeric Bellows, Parallel Spring Diaphragm, Balanced Diaphragm, Parallel Spring O-Ring Mounted, PTFE Wedge, Wave Spring, Water Pump Seals, Cartridge Seals, Agitator Seals, Mixer Seals

ASSOCIATED PRODUCTS: Gland Packing, Gaskets, Encap O-Rings



Retaining Rings, Snap Rings & Circlips

SIZES: Over 800 sizes available

MATERIALS: Carbon spring steel, Stainless steel, Phosphor Bronze, Beryllium copper, Various plate finishes & many more

TYPES: Metric & Imperial: Internal, External, E-clips, Wire rings, Snap rings

KITS: Metric & Imperial: Kits & Top-up Bags available

ASSOCIATED PRODUCTS: Kit Branding, Stack Feeders, O-Clips, Circlip & Pliers

What our customers say: “Superior knowledge, always friendly & patient with a quick response to all emails & messages – you are ‘The Google’ of Fluid Seals!”

Main Buyer - Blue Chip Mobile Plant & Construction Company

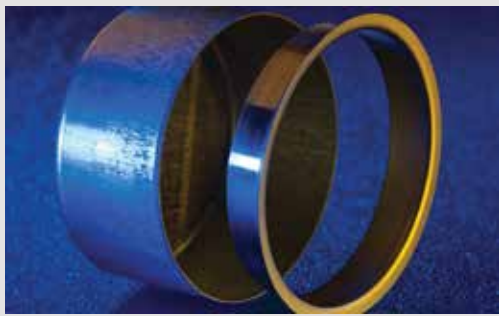


Sealants, Adhesives & Lubricants

SIZES: Various sizes (& weights) available to suit your requirement

APPLICATIONS: Repairing, patching, leak prevention, bonding, toughening & lubricating

TYPES: Adhesives for all applications including Anaerobics, Cyanoacrylates Structural Adhesives, Sealants, MRO Aerosols, UV Cure, Construction Range F1 Cleaners, Dispensing, & Merchandisers



Shaft Repair Kits

SIZES: Over 300 sizes available

MATERIALS: Stainless Steel, Gold Metallic Coating

APPROVALS: OEM Approved

TYPES: SKF® Speedi-Sleeves, Standard & Heavy Duty

ASSOCIATED PRODUCTS: Rotary Shaft & Oil Seals



Special Mouldings & Extrusions

SIZES: Bespoke to suit your requirements

MATERIALS: Hydrogenated Nitrile (HNBR), Nitrile (NBR), Polyacrylate (ACM), Ethylene propylene (EPDM), Viton® (FKM/FPM), Neoprene® (CR) Silicone (VMQ), PTFE & many more

APPROVALS: WRC/WRAS, KTW, ACS, NSF61, DVGW, EN549, EN682, 3A, USP CLASS VI, International Military Releases, Explosive Decompression Resistant, UL Approved, & FDA

ASSOCIATED PRODUCTS: O-Rings, Grommets, Anti-Vibration Mounts, Buffers



Springs & Fasteners

SIZES: Over 5000 sizes available

MATERIALS: Carbon Steel, Stainless Steel, Phosphor Bronze, Inconel, Special Plate Finishes & many more

TYPES: Screws, Nuts, Bolts, Studs, Washers, Rivets, Compression / Tension / Torsion Springs

KITS: Bespoke Kits & Top-up Bags available



V-Rings, Back-Up Washers, & X-Rings

SIZES: Over 5000 sizes available

MATERIALS: Nitrile (NBR), Viton® (FKM/FPM), PTFE & many more

TYPES: A, S, L and E. Other profiles available on request are: - AX, LX, RM & RME.

ASSOCIATED PRODUCTS: Oil Seals, Circlips, Retaining Rings



FLUID SEALING SPECIALISTS FOR OVER 40 YEARS

£3 MILLION INVENTORY

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