

Product Catalogue

Suzhou Baoshida Trading Co., Ltd. - rubber seals, moulded rubber and plastic parts, rubber moulds and OEM power tools. Producing since 2007.

About Baoshida

Suzhou Baoshida Trading Co., Ltd. is located in Suzhou, Anhui Province, China. The company provides rubber seals, rubber products and power tools OEM services. Our engineering team covers five rubber mould structural engineers, two rubber formula engineers, three rubber process engineers and four electric tool structural engineers. Two of them are senior engineers with at least fifteen years of work experience.

We have more than ten partner factories in China working closely with us on new product development and order delivery, with quality control and delivery supervision carried out by our own staff.

Key Facts

Producing Since	2007
Seal Compounds	12
In-House Engineers	14
Partner Factories	10+
AS568 Mould Set	Complete
Quote Response	1 Working Day

Seal Compounds Available

FKM, FFKM, SIR, EPDM, NBR, SBR, FVMQ, AEM/ACM, HNBR, CR, NR, CSM

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Rubber Seals (9 products)

O-rings, Y seals and moulded sealing parts in twelve elastomer compounds, tooled to your size rather than substituted from stock.

O-Rings

An O-ring is the cheapest part in most assemblies and the most common cause of a warranty return. We mould O-rings in twelve compounds, hold the complete AS568 mould set so standard sizes need no tooling, and cut new tools in our own workshop when a drawing falls outside the standard. That combination is what lets us give the same answer to a standard dash number and to a one off cross section.



Product Type	Moulded elastomer O-ring
Compounds Available	FKM, FFKM, SIR, EPDM, NBR, SBR, FVMQ, AEM/ACM,
Standard Size Range	Complete AS568 series, moulds held in house
Non Standard Sizes	Tooled to customer drawing in our own mould wo
Duty	Static and dynamic sealing

www.rubber-tools.com/products/o-rings.html

AS568 O-Ring Series

We possess all the moulds for the AS568 O-ring size range, which lets us supply standard parts of the series promptly and without a tooling step. For a buyer that turns the size question into a non question and leaves only the compound and the quantity to settle. The size chart pages shown here are the same ones our own engineers work from.



Standard	AS568 O-ring size series
Mould Coverage	Complete series held in house
Compounds Available	FKM, FFKM, SIR, EPDM, NBR, SBR, FVMQ, AEM/ACM,
Tooling Required	None for standard dash numbers
Also Known As	AS568 O-RING, AS568 O RING, AS568 ORING

www.rubber-tools.com/products/as568-o-ring.html

NBR O-Rings

NBR is the working compound for anything that meets oil or fuel at moderate temperature. Its oil resistance is good, its cost is reasonable, and for that reason it carries more industrial sealing than any other single elastomer. We supply NBR O-rings for automotive, aerospace, wire and cable and home appliance applications, in AS568 sizes from existing moulds and in custom sizes tooled here.



Material	NBR nitrile rubber
Key Property	Good oil and fuel resistance
Typical Industries	Automotive, aerospace, wire and cable, home ap
Standard Sizes	AS568 series from moulds held in house
Custom Sizes	Tooled to drawing

www.rubber-tools.com/products/nbr-o-ring.html

EPDM Seals and EPDM O-Rings

EPDM has good weather resistance and unusual versatility, which is why it appears across automotive, electrical and electronic products, daily necessities, sports equipment and mechanised industrial equipment, as well as in wires, cables and high voltage and ultra high voltage insulation materials. It is excellent where water, steam, ozone and weather are the challenge, and it is the wrong compound anywhere mineral oil is present.



Material
Key Properties
Suitable Media
Not Suitable For
Typical Industries

EPDM ethylene propylene diene monomer
Heat, ozone and weather resistance
Water, steam, brake fluid, coolants and refig
Mineral oil and fuel contact
Automotive, electrical and electronic, insulat

www.rubber-tools.com/products/epdm-seals.html

HNBR O-Rings and HNBR Seals

HNBR is the compound we reach for when a nitrile seal has to stay reliable in cold medium service. It is used predominantly for cold medium sealing, and in the automotive industry it carries power steering pipes and oil seals. Beyond automotive it appears in packer and screw pumps and in O-ring duty where standard nitrile is working at its limit.



Material
Primary Use
Automotive Applications
Industrial Applications
Forms Supplied

HNBR hydrogenated nitrile rubber
Cold medium sealing
Power steering pipes and oil seals
Packer pumps and screw pumps
O-rings and moulded seals

www.rubber-tools.com/products/hnbr-seals-hnbr-o-ring.html

FKM and FFKM O-Rings

FKM and FFKM sit at the top of the seal material range and are frequently confused with each other. FKM is a high grade fluoroelastomer with strong resistance across chemicals and temperatures, covering petroleum products, hydraulic fluids and acidic compounds. FFKM goes further, withstanding even aggressive chemicals, and belongs in semiconductor manufacturing and chemical processing. We supply both and will tell you which one your application actually needs.



Materials
FKM Suited To
FFKM Suited To
Standard Sizes
Custom Sizes

FKM fluoroelastomer and FFKM perfluoroelastome
Petroleum products, hydraulic fluids, acidic c
Aggressive chemicals and solvents, semiconduct
AS568 series from moulds held in house
Tooled to drawing

www.rubber-tools.com/products/fkm-o-ring-ffkm.html

FFKM O-Rings

FFKM O-rings exist for the applications where every other elastomer has already been ruled out. Their resistance covers a vast range of aggressive chemicals, solvents and corrosive agents, and they hold sealing integrity under extreme temperatures and thermal cycling. They cost considerably more than FKM, which is why we will tell you when FKM is enough.



Material	FFKM perfluoroelastomer
Chemical Resistance	Aggressive chemicals, solvents and corrosive a
Thermal Behaviour	Maintains sealing integrity under extreme temp
Typical Industries	Semiconductor, petrochemical, aerospace, biote
Sizes	AS568 series and custom cross sections

www.rubber-tools.com/products/ffkm-o-ring.html

FFKM Material Seals

Not every FFKM application is an O-ring. This is our moulded FFKM seal range, covering profiles designed for a specific housing rather than for a standard groove. The sectors are the same ones that drive FFKM demand generally: semiconductor, pharmaceutical and chemical, extending into petroleum, automotive, laser plating, battery manufacturing and special equipment production.



Material	FFKM perfluoroelastomer
Form	Moulded seal profiles to customer drawing
Typical Industries	Semiconductor, pharmaceutical, chemical, petro
Tooling	Designed and manufactured in our own mould wor
Country of Manufacture	China

www.rubber-tools.com/products/ffkm-seals.html

Y Seals and Y O-Rings

A plain O-ring is not the right answer for every dynamic duty, which is why the Y profile exists. Our range runs from the standard hole shaft universal type commonly called the Y-ring through to YX hole, YX shaft, QY hole, QY shaft, high and low Y-type hole and shaft seal rings, and Ky shaft types. Each is designed around the ratio of inner and outer lips, the cross section, the angle between the two lips and the height.



Profile Families	Y-ring hole shaft universal, YX hole, YX shaft
Design Parameters	Inner and outer lip ratio, cross section, angl
Duty	Dynamic reciprocating sealing
Compounds	Available across our twelve compound range
Country of Manufacture	China

www.rubber-tools.com/products/y-seals-y-o-ring.html

Rubber Products (9 products)

Custom moulded rubber, rubber bonded to machined metal, industrial rollers, plastic parts and the moulds that produce them.

FKM Rubber Parts

This is FKM outside the sealing catalogue: custom moulded fluoroelastomer parts made to a customer drawing. We provide FKM rubber product processing to order and have our own mould workshop, so the tool for your part is designed and manufactured here rather than subcontracted to a shop that will never run it.

Material	FKM fluoroelastomer
Form	Custom moulded parts to customer drawing
Key Properties	Chemical resistance, high temperature stabilit
Tooling	Designed and manufactured in our own mould wor
Country of Manufacture	China



www.rubber-tools.com/products/fkm-rubber-products.html

Rubber Moulds

We have our own mould manufacturing workshop and experienced structural design engineers, so we can independently design and develop rubber moulds rather than pass the work on. That matters because a tool designed by a shop that will never run it optimises for ease of cutting, not for ease of moulding, and every flash and parting line problem afterwards belongs to somebody else.



Mould Types	Compression and transfer
Compression Moulds	Suited to large parts with simpler designs
Transfer Moulds	Suited to intricate designs and over moulding
Design	Independent design and development by our stru
Manufacture	Our own mould manufacturing workshop

www.rubber-tools.com/products/rubber-mold.html

O-Ring Moulds

An O-ring mould decides whether every ring coming off it is the same. We have our own mould workshop and can design and manufacture a variety of moulds and tools, including the multi cavity O-ring tooling shown here. The advantage of buying the tool where the production runs is that consistency problems are corrected in the tool instead of argued about.

Tool Type	O-ring and rubber moulds
Consistency	Uniform size and quality across every ring pro
Temperature Resistance	Withstands high moulding temperatures without
Compatibility	Suitable for various rubber and elastomer mate
Maintenance	Designed for easy cleaning and minimal upkeep



www.rubber-tools.com/products/o-ring-mold.html

Shock Absorber Bushings and Shocker Bushes

Bonded rubber to metal parts fail at the interface far more often than in the rubber, and split sourcing is why. We supply automotive shock absorbers, bushings and shock absorber parts, and we have our own machining workshop and coating workshop, so we process the metal parts and then produce the rubber onto them. One team owns the bond.



Product Types	Automotive shock absorbers, bushings and shock
Construction	Rubber moulded onto machined metal parts
In-House Capability	Machining workshop and coating workshop
Design Input	Customer drawing or physical sample
Country of Manufacture	China

www.rubber-tools.com/products/bushing-shock-absorber.html

Industrial Rubber Rollers

In printing and converting the roller covering is a process variable rather than a spare part. We produce printing rollers, paper rollers, paper feed rollers and twist rollers, with EPDM, silicone rubber, polyurethane and SBR as the main covering materials, chosen against what the roller has to do rather than against what a rubber shop happens to run.



Roller Types	Printing, paper, paper feed, twist, coating an
Covering Materials	EPDM, silicone rubber, polyurethane, SBR
Design Input	Customer drawing or worn roller sample
Maintenance	Designed for minimal maintenance to reduce dow
Country of Manufacture	China

www.rubber-tools.com/products/roller.html

SBR Rubber Parts and Counterweight Blocks

SBR is the compound to reach for when abrasion resistance and cost matter more than chemical range. We supply all kinds of rubber products made of SBR material, including counterweight blocks produced for customers in the United States. Our own structural design team can design the product structure and manufacture the mould independently, so an SBR part can start from a sketch rather than from a catalogue.



Material	SBR styrene butadiene rubber
Key Properties	Abrasion resistance, low water absorption, wea
Example Application	Counterweight blocks
Design Capability	Independent product structure design and mould
Country of Manufacture	China

www.rubber-tools.com/products/sbr-rubber.html

Plastic Parts

We have three plastic production suppliers, and we handle the inquiry, the quality control and the delivery supervision ourselves. That is the whole proposition: you get plastic parts without adding three more vendor relationships, and without doing quality follow up from another country. Where the same assembly also needs rubber parts, both arrive together.



Processes	Injection moulding, blow moulding, assembly
Supply Base	Three plastic production suppliers
Our Role	Inquiry, quality control and delivery supervis
Typical Industries	Automotive, electronics and general industry
Country of Manufacture	China

www.rubber-tools.com/products/plastic-parts.html

Custom Plastic Parts

Where our plastic parts line makes a defined part, this line starts earlier, from a requirement rather than a finished drawing. Custom plastic parts are made to your exact specification, whether the design is intricate or the component is large scale, using injection moulding, extrusion and assembly as the geometry demands.



Processes	Injection moulding, extrusion, assembly
Scope	Intricate designs through to large scale compo
Design Input	Customer specification, drawing or sample
Our Role	Inquiry, quality control and delivery supervis
Country of Manufacture	China

www.rubber-tools.com/products/custom-plastic-parts.html

Silicone Hot Water Bags

A hot water bag is a consumer product where the closure is the whole safety argument, which makes it a different sourcing problem from an industrial rubber part. Ours are built from silica gel with ABS and PA components and supplied with a woolen cover, measuring 13.8cm by 10cm by 3.5cm with a 300ml capacity, in several colours.

Product Name	Silicone hot water bag
Dimensions	13.8cm x 10cm x 3.5cm
Capacity	300ml
Material	Silica gel with ABS and PA components plus woo
Types	Standard and therapeutic



www.rubber-tools.com/products/silicone-hot-water-bag.html

Power Tools (2 products)

OEM and custom designed power tools from a team whose designers have more than fifteen years in the tool industry.

OEM Power Tools

Our power tool line is not a trading desk putting a label on a catalogue model. We have a technical design team and provide custom made power tools design and processing services. Four structural engineers work on electric tools, and our power tool designers have more than fifteen years of experience in the industry. Where the tool needs rubber grips or seals, those come from the rest of our own business.



Service	Custom made power tool design and processing
Design Team	Four structural engineers for electric tools
Experience	Power tool designers with more than fifteen ye
Branding	OEM under customer brand
Country of Manufacture	China

www.rubber-tools.com/products/power-tools.html

Electric Drills

Electric drills are the model type our power tool team is asked for most often. We provide custom made power tools design and processing services, with a technical design team whose power tool designers have more than fifteen years of experience in the industry. The starting point is your specification and your market, not a catalogue page.



Service	Custom made power tool design and processing
Product Type	Electric drills
Design Team	Four structural engineers for electric tools
Experience	More than fifteen years in the power tool indu
Country of Manufacture	China

www.rubber-tools.com/products/electric-drill.html