



REPAIR KITS



Thanks to the wide selection of sealing products we have we can offer you kits according to your needs to make the repair and assembly of the hydraulic and pneumatic cylinders, pumps or any machine or accessory easier.

The kits are put into a blister, labelled and have a reference so that you can easily handle, identify and distribute it.



BOXES OF O-RINGS AND WASHERS

We have at your disposal boxes of o-rings according to different rules and materials, as well as copper standardized o-rings. The boxes have different compartments where the o-rings of greater standardized consumption, very useful for repair or personal workshops, are placed.



METALLIC, METALOPLASTIC AND SPIROMETALLIC GASKETS



Juntas Besma manufactures a range of products to solve the most difficult sealing problems.

We also manufacture the metallic gaskets for those applications where the compressibility is not its main characteristic.

The metaloplastic gaskets are composed of an insert of an asbestos free synthetic fibre, PTFE, or other material, with a complete or partial metallic coverage.

The spirometallic gaskets are composed of a metallic strip laminated in V shape and rolled up in spiral, inserting between each spire a type of material such as graphite, ptf, etc. selected depending on the fluid and working temperature.

We can distinguish the type depending on the shape. They can also be standardized.

LOGISTIC SERVICE

JUNTAS BESMA, S.A. can offer you an economic service for the shipment of your orders by DHL EXPRESS.



BELLOWS, COMPENSATORS, INSULATING FABRIC



We are expert at manufacturing bellows, compensators and special hoses.

Our workshops use technical fabrics, suitable for each application, to make this type of product.

We offer the possibility of manufacturing them with systems that allow you to assemble them, such as zips and buttonholes, even in difficult installations.

Usual materials:

- Fibreglass, with or without synthetic rubbers
- Silica fibre
- Ceramic fibre, with or without synthetic rubbers
- Polyester fibre
- Polyester fibre covered with neoprene or nitrile, etc.



JUNTAS BESMA, S.A. offers you a set of catalogues of different products, all of them from main brands, in order to make them known to the domestic market and international market.

This range of catalogues provides a complete and detailed information about the materials concerning their use, quality, dimensions, etc. The products showed on these catalogues are high-quality standard products so we hope to meet our current and future customers requirements, since, besides these materials, we have the needed means to manufacture any type of special item that you need, as per the drawings or dimensions requested by you.

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PRODUCTOS SALINAS, S.A. designs and develops products according the customers' needs thanks to their wide experience and the collaboration with well known laboratories and technology centres in order to develop new projects.

PRODUCTOS SALINAS, S.A. has its own workshop. It can manufacture tools at low cost to produce items and prototypes and, thanks also to the production line exclusively focused on industrial maintenance, it gives it the possibility to make short series and unit series without high costs.

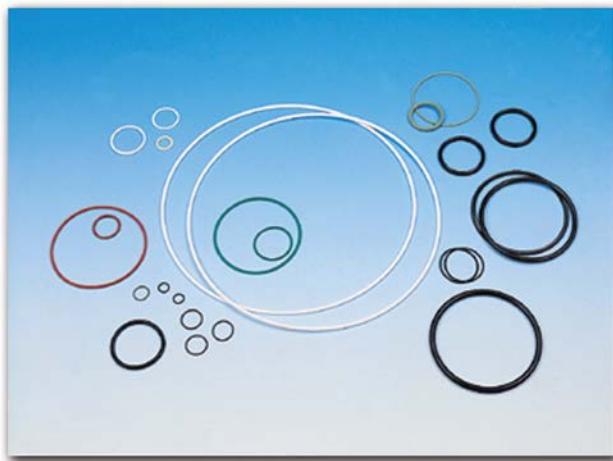
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CAUCHOS Y POLIURETANOS



- O-RINGS
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- SPECIAL MANUFACTURE FOR HYDRAULIC, PNEUMATIC APPL
- BELLOWS, COMPENSATORS, INSULATING FABRIC
- LOGISTIC SERVICE



O-RINGS



Juntas Besma has a large stock of o-rings at your service, more than 25.000 references, according to European, American and Japanese rules, metric system, inches, special dimensions and the dimension you need. We offer you a great variety of compounds, hardness and colours for the different areas where they are going to be applied: Automotive, Food products, Military, Marine, Chemical industries, etc...

- | | |
|------------------|--|
| - NBR | -Epiclorhidrine |
| - FPM (Vitón®) | -Fluorosilicone |
| - FFPDM (Kalrez) | -SBR |
| - EPDM | -PTFE |
| - CR (Neoprene) | -Atlas |
| - MVQ Silicone | -Encapsulated (FEP + FPM)
(FEP + MVQ) |



OIL SEALS



Important stocks of oil seals with a wide range of dimensions, materials, different types of lips for different applications. Complete range of sizes according to the metric system as well as in inches and special dimensions.

We can supply you oil seals from different import trademarks in record time.

Productos Salinas offers the manufacture of new moulds for new and special dimensions or types with minimum costs.

- | | |
|-----------|------------------|
| -Nitrile | -High pressure |
| -Vitón | -Low pressure |
| -Silicone | -Special designs |
| -PTFE | |



SPECIAL MANUFACTURE FOR HYDRAULIC, PNEUMATIC APPL



Productos Salinas manufactures thanks to its own moulds a wide range of articles for hydraulic and pneumatic applications in rubber and / or polyurethanes, and offers a selection of dimensions up to a 2000 mm. outside diameter with different designs and hardness in order to give a solution even to the most demanding applications.

- | | |
|-----------------|---------------------------------|
| - U-rings | - Rod seals |
| - Wipers | - Packings |
| - V-Rings | - Rotary seals |
| - Back-up rings | - Compounds of PTFE |
| - Guide rings | - Gaskets for high temperatures |
| - Piston seals | - Compound gaskets |
| - Rod seals | |



GUARNITEC PROGRAMME



Juntas Besma works closely with Guarnitec Group, supplying exclusively for the Spanish and Portuguese markets, a complete programme of sealing products focused on the hydraulic and pneumatic cylinder.

The largest stocks of these products are at your disposal on a daily service. Top-quality raw materials, such as TECNOLAN in polyurethane, TECNOTEX in fabric or NBR, VITON, make Guarnitec product your best sealing solution for your cylinders.

- | | |
|-----------------------------|------------------------------------|
| - Rod seals | - Wipers |
| - Piston seals | - Packings |
| - Guide rings | - Gaskets for static closing |
| - Gaskets for rotary shafts | - High or low pressures and vacuum |



QUICK MACHINED PROCESS



Juntas Besma and Productos Salinas offer you a quick machined system, based on machined centres under CNC numeric control, specialized in pulling off the shaving of the elastomers and thermoplastics.

More than 100 profiles and their possible modifications can be made in record time in dimensions from 5 mm. up to 1600 mm. in the following materials:

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|----------------|--------------------------|
| - PV 93 | - PTFE + BRONZE |
| - PV 95 | - PTFE + GRAPHITE |
| - PV 97 | - PTFE + GRAPHITE+ Mo S2 |
| - NBR | - PTFE + GLASS |
| - HNBR | - PA POLYAMIDE |
| - EPDM | - PE-POLYETHYLENE |
| - SILICONE MVQ | - POM-ACETAL RESIN |
| - PTFE | - VITON |



TECHNICAL PLASTICS



Productos Salinas offers solutions to your needs, in all type of technical plastics of the market, including customer's design and its own I+D with more than 45 years of experience in machining special pieces.

A large stock of bars, sheets and tubes of the following materials is at your disposal:

- | | |
|---------------------|----------------|
| - TEFLÓN® | -DUROGLISS® |
| - TEFLÓN® + BRONZE | -CESTILINE |
| - TEFLÓN® + GRAFITE | -PVC |
| - PEEK® | -CELOTEX® |
| - NYLATRON® | -BAQUETILA® |
| - ERTALON® | -ARNITE® |
| - DERLIN® | -KELF® |
| - POLYETHYLENE | -POLYPROPYLENE |



SPECIAL MANUFACTURE



Productos Salinas has a complete manufacture system that covers internally all the stages of the production of rubber technical articles, including the manufacture of moulds, as well as the mould process by compression, injection, extrusion, etc.

Articles of these specialization are: Suction pads, membranes, autoclave gaskets, pieces with metallic insertion, with fabric insertion, etc.

We have the technology and the experience to supply you the article you need, as a prototype as well as its later production. We have technical raw materials, formulated for each application with rubber basis:

- | | | | |
|--------|------------|------------|-----------|
| - NBR | - VITON | - SILICONE | - HYPALON |
| - EPDM | - NEOPRENE | - HNBR | - BUTYL |

With different possibilities of hardness for each application.



PTFE GASKETS



Juntas Besma has at your disposal a complete programme of PTFE compound gaskets.

For hydraulic and pneumatic applications, the PTFE compounds usually have an elastic element that exerts pressure towards the dynamic side. The pressure over the PTFE can be made in other cases by an elastic spring.

Applications of this type:

- | | |
|--|------------------------|
| -Piston seal | -Back-up rings |
| -Rod seal | -Slide bushings |
| -Wipers | -Vacuum closing |
| -Rotary gaskets (for high and low pressures) | -Sandwich gasket |
| -Guide rings | -Alveolar guide strips |
| -Autolubricated bearings | |
| -O-rings | |



FLAT GASKET / SHEETS



Juntas Besma is expert at manufacturing flat gaskets. Its cut systems include traditional presses as well as the most sophisticated cut methods by CNC waterjet machines.

In order to provide you the best service, our facilities have a warehouse of more than 3500 m² to store sheets of different raw materials so that they can be delivered to you or be manufactured at any time.

Juntas Besma manufactures any piece in the following materials according to the rules, drawings or samples requested by you.

- | | | | |
|---|------------------|---|----------------------------|
| COMPRESSED SYNTHETIC FIBRE TRADEMARKS: | RUBBER: | SPIROMETALLIC AND METALLIC: | PTFE |
| - Klinger | - Natural Rubber | - Copper | - CORK |
| - Belpa | - Rubber-fabric | - Brass | - FELT |
| - Guarco | - Neoprene | - Nitrile | - GREASEPROOF PAPER |
| - Tesnit | - Viton | - Aluminium | |
| - Fasnit | - EPDM | - Stainless steel | |
| - Garlock | - Silicone | - Monel | |
| - Latty | - Butil | - Steel | |
| | - Hipalon | | TECHNICAL PLASTICS: |
| | - Poliurethane | | - PA |
| | - Vulkollan® | | - PE |
| | - Salprene | | - PPE |
| | - Salflex | | |
| | | CORRUGATED, SUPPLEMENTS, RTJ GASKETS | |



RUBBER SHEETS AND BUTTON MATTINGS



Juntas Besma has a big distribution warehouse for rubber sheets and button rubber matting.

Complete or partial rolls can be supplied as per customer's needs. The main destination of these goods stored is Juntas Besma's cut workshop that, thanks to more than 20 cut machines, manufactures the widest range of gaskets of the market, according to rules, drawings and special applications.

Since a type of rubber is needed for each application, we have the complete range of thicknesses in:

- | | |
|----------------------|----------------------------|
| - Natural rubber | - EPDM, Ethylene Propylene |
| - Rubber with fabric | - MVQ, silicone |
| - Neoprene | - FKM, Viton |
| - Butil | - Virgin rubber |
| - Hypalon | - White rubber |
| - Non-abrasive | - Poliurethane |
| - Red rubber | - VULKOLLAN |



VULKOLLAN® AND OTHER POLYURETHANES



Productos Salinas has the only BAYER licence in Spain to process VULKOLLAN in its facilities.

It is a polyurethane elastomer manufactured by casting.

Thanks to its wonderful range of properties, the Vulkollan has achieved success in a lot of technical areas. Its molded pieces are used in all the fields where a high wear resistance and high absorption of mechanical and dynamic efforts are needed.

Productos Salinas also manufactures other polyurethanes with a wide range of hardnesses and colours to make coatings, mold special pieces, sheets, bars, tubes to be machined, etc.

Examples of this application:

- | | |
|-------------------|-----------------------------|
| - Supports | - Sealing elements |
| - Coaplings | - Clutch elements |
| - Spring elements | - Wheels and rollers |
| - Rings | - Membranes |
| - Wipers | - Friction discs and guides |



RUBBER PROFILES



Juntas Besma produces a wide range of rubber technical profiles by extrusion.

Different shapes, dimensions, hardness allow us to solve practically any industrial application.

Marine, automotive, aeronautics, iron and steel, auxiliary industries, etc.

Usual elastomers:

- | |
|------------|
| - EPDM |
| - CR |
| - NBR |
| - SBR |
| - NR |
| - SILICONE |
| - FKM, etc |