

Comprehensive Guide to Rubber Products by Arvico Rubber: Quality and Expertise



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Rubber products are essential in various industries, from automotive to construction, offering flexibility, durability, and resistance to wear and tear. Arvico Rubber, a leader in rubber manufacturing, provides a diverse range of high-quality rubber products that cater to these industries' specific needs. Below is an overview of the key products offered by Arvico Rubber, showcasing their functions and applications.

- **Rubber Diaphragms**

Rubber diaphragms are versatile components widely used in industries such as automotive, aerospace, and oil & gas. These products act as flexible barriers that isolate different mediums, allowing for pressure regulation and control in pumps and valves. Arvico Rubber's diaphragms are designed for high durability, withstanding harsh conditions while maintaining their flexibility and sealing capabilities. These products are particularly known for their resistance to chemicals, heat, and wear, ensuring long-lasting performance.

- **Rubber Expansion Joints**

Rubber expansion joints play a critical role in compensating for expansion, contraction, and vibration in piping systems. They are commonly used in industries like HVAC, power plants, and wastewater treatment. Arvico's rubber expansion joints offer exceptional flexibility and the ability to absorb movement, protecting pipes from damage due to changes in temperature or pressure. The joints are built with high-quality rubber, ensuring excellent resistance to pressure and environmental factors,

making them suitable for demanding applications.

- **Rubber Stators**

Rubber stators are crucial components in progressive cavity pumps, used primarily in the oil and gas, wastewater, and food processing industries. These stators allow for the efficient movement of liquids, ensuring smooth and consistent flow. Arvico's rubber stators are manufactured with precision, providing high resistance to wear and tear, even when handling abrasive or corrosive materials. Their durability ensures that the pumps maintain optimal performance over extended periods, reducing the need for frequent maintenance.

- **Bearing Bushes**

Bearing bushes, also known as rubber bearing bushes, are essential for reducing vibration, noise, and friction in machinery. Used primarily in the automotive and industrial sectors, these bushes ensure smoother operations by acting as flexible joints in mechanical systems. Arvico's bearing bushes are designed to withstand heavy loads while minimizing wear on metal parts, enhancing the lifespan of equipment. They are ideal for use in suspension systems, pumps, and engines, where durability and precision are key.

- **Rubber Gaskets**

Rubber gaskets serve as vital sealing solutions in various industries, including plumbing, automotive, and oil & gas. They prevent leakage between two surfaces, ensuring a secure and airtight seal. Arvico offers rubber gaskets made from high-grade elastomers, ensuring resistance to extreme temperatures, chemicals, and pressures. Whether used in pipelines, engines, or industrial machinery, these gaskets provide reliable sealing performance and extend the life of the equipment.

- **Rubber O-Rings**

Rubber O-rings are small but highly effective components used for sealing in hydraulic, pneumatic, and mechanical systems. These rings are known for their ability to withstand high pressure and extreme temperatures, making them suitable for use in automotive engines, industrial machinery, and medical devices. Arvico's O-rings are available in various sizes and materials, ensuring a perfect fit and long-lasting sealing performance. Their flexibility and durability make them an essential part of any fluid-handling system.

- **Rubber Sleeves and Seals**

Rubber sleeves and seals are used to protect critical components from dust, moisture, and contamination, while also ensuring proper functioning in mechanical systems. These products are widely used in industries such as automotive, agriculture, and aerospace. Arvico's rubber sleeves and seals are engineered for high resilience and flexibility, offering exceptional protection and durability. Whether you need to cover cables, pipes, or rotating parts, these sleeves and seals offer reliable protection in challenging environments.

- **Extruded Rubber Profiles and Cords**

Extruded rubber profiles and cords are highly versatile components used in sealing, insulation, and gasketing applications. Commonly used in the construction, automotive, and marine industries, these

products offer excellent resistance to environmental factors, ensuring long-term performance. Arvico's extruded rubber profiles and cords are available in various shapes and sizes and can be customized to meet specific application requirements. Their flexibility, combined with excellent weather and abrasion resistance, makes them ideal for outdoor and industrial use.

- **Moulded Rubber Parts**

Moulded rubber parts are designed and manufactured to meet the exact specifications of various industries, from automotive to electronics. Arvico's expertise in moulding allows for the production of precision rubber components that are durable, flexible, and resistant to extreme conditions. These parts can be tailored to suit a wide range of applications, providing solutions for sealing, vibration dampening, and shock absorption. The high-quality moulding process ensures that each part is consistent and meets the stringent standards required by the industry.

- **PTFE Components**

Polytetrafluoroethylene (PTFE) components are known for their exceptional resistance to heat, chemicals, and friction. Arvico offers a range of PTFE components, including gaskets, seals, and diaphragms, used in industries such as chemical processing, pharmaceuticals, and food production. These components provide superior performance in environments where standard rubber materials would degrade. PTFE's non-stick properties also make it ideal for applications involving the handling of sticky or viscous substances.

- **Rubber Hoses**

Rubber hoses are essential for transferring liquids and gases in a wide variety of industries, including agriculture, automotive, and industrial manufacturing. Arvico manufactures durable rubber hoses that can withstand high pressure, extreme temperatures, and harsh chemicals. These hoses are designed for flexibility and strength, ensuring smooth and reliable fluid transfer in demanding environments. Whether for fuel, water, or chemicals, Arvico's rubber hoses provide dependable performance and longevity.

- **Rubber Sheets**

Rubber sheets are used in a range of applications, from insulation and gasketing to flooring and soundproofing. Arvico's rubber sheets are available in different thicknesses and compounds, offering excellent resistance to abrasion, chemicals, and extreme conditions. These sheets can be cut and customized for various industrial uses, making them an essential material for industries such as construction, automotive, and electronics. Their versatility and durability make Arvico's rubber sheets a reliable solution for protecting and enhancing surfaces.

Conclusion

Arvico Rubber offers a wide range of rubber products designed to meet the needs of diverse industries. From rubber diaphragms and gaskets to extruded profiles and PTFE components, every product is crafted with precision and a focus on quality. With over 50 years of expertise, Arvico continues to innovate and provide reliable solutions for industrial applications, ensuring that its products perform consistently, even in the most demanding conditions. Whether you're looking for customized rubber parts or standard solutions, Arvico is committed to delivering excellence.

For in-depth information about Arvico Rubber Industries, explore our offerings at:
<https://www.arvicorubber.com/>



Straight-Through-KB-Type-Diaphragms



Diecut Gasket



Butterfly Valve Sleeve

Media Contact

Arvico Rubber Industries

info@arvicorubber.com

9321221521

104, SHANTA INDUSTRIAL ESTATE, I B. PATEL ROAD, GOREGAON (E)

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