



SINCE 1993



PRAYAG RUBBER PRODUCT

GOOD RELATIONSHIP IS EVERYTHING IN LIFE



WWW.PRAYAGRUBBER.COM

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About Us.

Welcome to Prayag Rubber Product!

Established in 1993, Prayag Rubber Product has built a distinguished reputation as a leading manufacturer and supplier of high-quality rubber components. With over three decades of experience, we specialize in producing precision-engineered rubber parts that cater to a diverse range of industries.



Mission & Vision.

MISSION

At Prayag Rubber Product, our mission is to deliver high-quality, precision-engineered rubber components that meet and exceed customer expectations.

We are committed to:

- **Innovation:** Continuously improving our products and processes through advanced technology.
- **Sustainability:** Promoting eco-friendly manufacturing practices to minimize environmental impact.
- **Customer Satisfaction:** Building long-term relationships by providing reliable and customized solutions.
- **Excellence:** Upholding the highest standards of quality, safety, and performance in all our products.

OUR VISION

Our vision is to be recognized as a global leader in the rubber manufacturing industry by:

- Expanding our presence in international markets.
- Investing in cutting-edge research and development.
- Strengthening our commitment to sustainable and ethical manufacturing.
- Becoming the preferred partner for industries requiring high-performance rubber components.

Products Range

- *Rubber Gaskets*
- *Rubber O Rings*
- *Rubber Bushes & Corks*
- *Rubber Grommets*
- *Flange Gaskets*
- *LPG Gas cylinder ring*
- *Rubber Bellows & Diaphragms*
- *Rubber molded items*
- *Butterfly Gaskets*
- *Rubber compounds*
- *Viton Cords*
- *Teflon Sheets & other products*
- *Insulation Mats*
- *PVC Tubes & Sleeves*
- *PVC water stoppers*
- *Neoprene o ring*
- *butterfly valve rubber*
- *Industrial rubber belt*
- *SMS union rubber gashket*
- *Synthetic rubber bush*
- *Rubber mental bush*
- *Rubber mounting pade*
- *Rubber tyre coupling*
- *Rubber star coupling*
- *Silicone TC Gaskets*
- *Silicone Inflatable seals/FBD Gaskets*
- *Silicone Tubes (Transparent & Coloured)*
- *Silicone Cords (Round & Square)*
- *Silicone Sponge Cords & Gaskets*
- *Silicone Extruded Door Gaskets*
- *Steel Insert Rubber Gaskets*
- *Rubber Sheets*
- *Sprinklr Rubber ring*
- *Silicon Rubber Washer*
- *Anti Vibration pad*
- *Viton Rubber O-ring*
- *Silicon rubber caps*
- *Epdm rubber gashker*
- *HNBR o ring*
- *Customized silicon grommnet*
- *Nitrile rubber diaphragm*
- *IMPORTED RUBBER O RING*
- *Viton rubber gashkert*
- *Viton rubber cord*
- *Neoprene rubber gashket*

Products



Rubber O-Rings: Materials & Hardness

O-rings are made from various rubber materials, each chosen based on the application's requirements such as temperature resistance, chemical compatibility, and mechanical strength. O-Ring Hardness (Shore A Scale)

Soft (30-50): Good flexibility and sealing at low pressure.

- **Medium (60-70):** Standard for most industrial applications.
- **Hard (80-90):** High wear resistance, used in high-pressure environments.

Material	Hardness (Shore A)	Temperature Range (°C)	Key Features	Applications
Nitrile (NBR)	40 - 90	-40 to +120	Oil & fuel resistance, good wear resistance	Automotive, hydraulic seals
Fluorocarbon (FKM/Viton®)	50 - 90	-20 to +200	Excellent chemical & heat resistance	Aerospace, fuel systems
Silicone (VMQ)	30 - 80	-60 to +230	High-temperature flexibility, non-toxic	Food, medical, electronics
Ethylene Propylene (EPDM)	40 - 90	-50 to +150	Excellent weather & ozone resistance	Outdoor applications, water systems
Neoprene (CR)	40 - 80	-40 to +120	Good resistance to oils & weathering	Refrigeration, marine
Polyurethane (PU)	70 - 95	-40 to +90	High wear resistance, high strength	Hydraulic systems, high-pressure sealing
Perfluoroelastomer (FFKM/Kalrez®)	60 - 90	-40 to +320	Extreme chemical & heat resistance	Chemical processing, pharmaceuticals
HNBR (Hydrogenated Nitrile)	50 - 90	-40 to +160	Superior oil & heat resistance compared to NBR	Automotive, high-performance seals



Rubber Gaskets

We manufacture a wide range of high-quality rubber gaskets designed to meet the needs of various industries. Our gaskets ensure leak-proof sealing, durability, and resistance to extreme conditions.

Our Rubber Gasket Range

Fireproof Gaskets 🔥

- Designed to withstand high temperatures and prevent leaks in fire-sensitive environments.
- Ideal for fire safety systems, furnaces, and heat-resistant applications.
- Made from fire-retardant rubber compounds such as Silicone, EPDM, and Viton to ensure maximum protection.

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Industrial Gaskets 🏭

- Engineered for heavy-duty applications to provide a secure and long-lasting seal.
- Used in machinery, pipelines, automotive, and manufacturing industries.
- Resistant to chemicals, oils, pressure, and environmental factors.
- Made from durable rubber materials like Nitrile (NBR), Neoprene, EPDM, and Natural Rubber for superior performance.



Rubber Moulded Parts

We manufacture high-quality rubber moulded parts in various shapes and sizes, catering to a wide range of industrial applications. Our products are made from premium-grade rubber to ensure strength, temperature resistance, vibration resistance, and load-bearing capacity.

Our Rubber Moulded Products Include:

- Rubber Diaphragms
- Rubber Bellows
- Rubber Bushes
- Rubber Grommets
- Rubber Corks & Stoppers
- Rubber washer gasket
- Rubber flat ring
- Rubber v gasket

Rubber anti pad ,

Material Options:

We manufacture rubber moulded parts using a variety of high-performance rubber materials, including:

1. Silicone
2. Viton
3. EPDM
4. Neoprene
5. Nitrile
6. Natural Rubber
7. Hypalon
8. FluoroSilicone

We also produce customized rubber moulded parts based on our customers' specifications. These parts can be manufactured in different colors and grades of rubber to suit specific industry needs.

✦ Brand: Prayag Rubber Products



Silicone Tubes & Sleeves

Prayag Rubber is a leading manufacturer and supplier of high-quality Silicone Tubes, crafted from 100% pure Silicone Rubber to meet the demands of various industries. Our tubes are known for their durability, flexibility, and resistance to extreme temperatures and chemicals.

Applications:

Our Silicone Tubes are extensively used in:

- ✓ Food & Beverage Industry**
- ✓ Pharmaceutical & Medical Sector**
- ✓ Chemical Processing**
- ✓ Electrical & Electronics**
- ✓ Heavy & Medium Engineering**
- ✓ Thermal Power Stations & PSUs**

Product Range:

- ✓ Silicone Transparent Tubes – High-clarity tubes for applications requiring visibility of flow.**
- ✓ Silicone Coloured Tubes – Available in various colors for easy identification and aesthetic preferences.**
- ✓ Silicone Sleeves – Ideal for electrical insulation and mechanical protection.**

We offer customized sizes, grades, and specifications to suit specific industrial needs.







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