



"Precisely Shaping Elastomers since 1985."

ALL RUBBER PRODUCTS UNDER ONE ROOF

“WE MANUFACTURE SOLUTIONS NOT JUST THE PRODUCTS”

www.chemmechrubbers.com

About Us

Established in 1985, CHem meCH Rubbers & Engineers is located in the vibrant city of Nadiad Gujarat, India.

Our expertise spans various rubber types, including Natural, Nitrile, Neoprene, Hypalon, EPDM, Silicon, Viton, FKM, FFKM, and PU.

Our advantage lies in the fusion of Technical prowess with a state-of-the-art manufacturing facility, enabling us to meet the diverse needs of various industries and sectors.



Mr. Idris H. Shabhai

the founder and CEO
of CHem meCH Rubbers & Engineers.

Active in the Industry for over 40+ years with an unwavering commitment to innovation and passion in Rubber Industry has steered **CHem meCH Rubber & Engineers** towards achieving new goals and inspiring the team to push boundaries, embrace challenges, and consistently deliver excellence.



Mr. Sakib Shabhai

Managing director
of CHem meCH Rubbers & Engineers.

Leading the company's strategic direction with a focus on innovation and product development in the rubber industry. With a deep understanding of both operational management and market trends, he is driving the next phase of growth through advanced product solutions and a forward-thinking approach.

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OUR VISION & MISSION



VISION STATEMENT

We will be recognized and respected as the “go-to” company for any customer who values quality products and excellent service at a fair price.

MISSION STATEMENT

To manufacture rubber components which will lead on aspects of rubber technology with a focus on overriding customer expectation and creating products that are valued by the world.

OUR CORE COMPANY VALUES

- Customer Satisfaction
- On-Time Delivery
- Consistently high quality
- Teamwork through empowerment
- Health, safety and environment is a way of life
- Sustainability – business, environment and work-life balance



ISO 9001 : 2015



ISO 14001 : 2015

OUR SERVICES



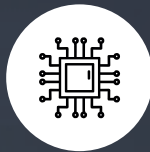
Tyre Industries



Industrial Manufacturing



Aerospace



Electronics & Electrical



Marine



Food & Beverage



Petro Chemicals



Textile & Apparel



Railways



Construction & Building



Refineries



**Agriculture
& Farm Equipment**



Pharmaceuticals



Consumer Goods



Fertilizer

Types of Rubber Material & It's Basic Understanding

1. Natural Rubber (NR)

Temperature Range: -50°C to +90°C

Description: Natural rubber is a plant-based elastomer with outstanding mechanical performance. It's widely used where high flexibility and wear resistance are needed.

Key Features

- High tensile strength and elasticity
- Excellent abrasion and tear resistance
- Low resistance to oil, UV, and ozone

Mechanical Properties

- Tensile Strength: 20–30 MPa
- Elongation: 500–700%
- Hardness: 30–90 Shore A

2. Styrene-Butadiene Rubber (SBR)

Temperature Range: -40°C to +100°C

Description: A synthetic rubber used as a cost-effective alternative to NR, SBR is known for good abrasion resistance and flexibility.

Key Features

- Good abrasion and aging resistance
- Affordable and easy to process
- Poor resistance to oils and UV

Mechanical Properties

- Tensile Strength: 15–20 MPa
- Elongation: 300–500%
- Hardness: 40–100 Shore A

3. Nitrile Rubber (NBR)

Temperature Range (up to 150°C with special grades)
-30°C to +120°C

Description: NBR is the go-to rubber for oil and fuel resistance, commonly found in the automotive and petrochemical industries.

Key Features

- Excellent resistance to petroleum products
- Good wear and compression set resistance
- Not UV or ozone resistant

Mechanical Properties:

- Tensile Strength: 10–25 MPa
- Elongation: 300–600%
- Hardness: 40–90 Shore A

4. EPDM

Temperature Range: -50°C to +150°C

Description: Highly durable rubber for outdoor use, EPDM excels in resisting environmental and weather-related degradation.

Key Features

- Outstanding weather and ozone resistance
- Excellent resistance to steam and water
- Poor oil and hydrocarbon resistance

Mechanical Properties:

- Tensile Strength: 7–21 MPa
- Elongation: 300–600%
- Hardness: 30–90 Shore A

5. Silicone Rubber

Temperature Range (up to 300°C for special grades)
-60°C to +230°C

Description: Ideal for extreme temperatures, silicone rubber is used in medical, food-grade, and electronics applications.

Key Features

- Excellent heat and cold resistance
- Inert and biocompatible
- Low tear and abrasion resistance

Mechanical Properties:

- Tensile Strength: 5–10 MPa
- Elongation: 100–700%
- Hardness: 20–80 Shore A

6. Neoprene

Temperature Range: -40°C to +120°C

Description: A multipurpose rubber that balances oil resistance and weather resistance, making it suitable for general industrial use.

Key Features

- Moderate oil, flame, and ozone resistance
- Good mechanical strength
- Lower elasticity than NR

Mechanical Properties

- Tensile Strength: 10–25 MPa
- Elongation: 200–600%
- Hardness: 40–90 Shore A

7. Fluorocarbon Rubber (FKM/Viton®)

Temperature Range: -20°C to +250°C

Description: Premium rubber for high-performance applications in aggressive chemical and heat environments.

Key Features

- Superior resistance to oils, chemicals, and high temperatures
- Excellent aging and ozone resistance
- Expensive compared to other rubbers

Mechanical Properties

- Tensile Strength: 10–20 MPa
- Elongation: 150–300%
- Hardness: 55–90 Shore A

8. Butyl Rubber (IIR)

Temperature Range (up to 150°C with special grades)
-30°C to +120°C

Description: Butyl rubber is air-tight and ideal for applications requiring gas impermeability and chemical resistance.

Key Features

- Excellent air and gas retention
- Good heat, ozone, and chemical resistance
- Low rebound and vibration damping

Mechanical Properties

- Tensile Strength: 10–15 MPa
- Elongation: 300–600%
- Hardness: 40–80 Shore A

9. Polyurethane Rubber

Temperature Range: -30°C to +90°C

Description: Known for its rugged durability, polyurethane rubber is used in high-stress, abrasive environments.

Key Features

- Superior abrasion and tear resistance
- High mechanical load tolerance
- Poor hydrolysis and UV resistance

Mechanical Properties

- Tensile Strength: 20–50 MPa
- Elongation: 400–600%
- Hardness: 60–98 Shore A

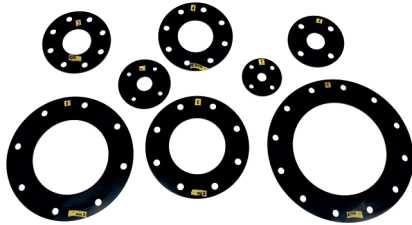
Guidance for Rubber Selection as per Application

Application Requirement	NR	SBR	NBR	EPDM	Silicone	Neoprene	Viton®	Butyl	PU
High chemical resistance			✓		✓		✓	✓	
Oil and fuel resistance			✓			✓	✓		
Weather/UV /ozone exposure				✓	✓	✓	✓	✓	
Extreme high temperature (+200°C)					✓		✓		
Extreme low temperature (-40°C or lower)	✓	✓		✓	✓			✓	
High abrasion /wear resistance	✓	✓	✓			✓			✓
Steam/hot water resistance				✓	✓		✓		
Air/gas impermeability								✓	
Biocompatible / food-safe				✓	✓				
Flame/fire resistance					✓	✓	✓		
High mechanical load/impact	✓	✓	✓						✓
Budget-friendly /cost effective	✓	✓	✓	✓					

GENERAL INDUSTRIAL RUBBER PRODUCTS

Gaskets

Reliable Sealing Solutions for Static Applications Across All Industries



STANDARDS

- :: ASME B16.21 / B16.5
- :: DIN EN 1514
- :: BS 4865
- :: ISO 7483
- :: Custom Designs

Gaskets are mechanical sealing components designed to fill the space between two or more mating surfaces, preventing leakage of fluids or gases under compression. They are widely used in flanged joints, machinery housings, and pipe systems across virtually every industrial sector.

MATERIAL

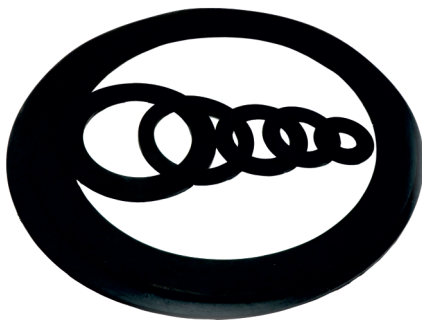
NR, NBR, PBR, SBR, EPDM, NEOPRENE, HYPALON, VITON.

KEY FEATURES

- :: Effective sealing under high pressure and temperature
- :: Compatible with a wide range of chemicals and media
- :: Excellent compressibility and recovery characteristics
- :: Available in sheet, ring, spiral-wound, and custom-cut forms
- :: Cost-effective and easy to install
- :: Prevents leakage, corrosion, and equipment damage

Metal Insert Gaskets

Reinforced Sealing for High-Pressure and Critical Applications



STANDARDS

- :: ASME B16.5 / B16.21
- :: DIN EN 1514-1
- :: BS 7531
- :: ISO 7483
- :: AWWA STANDARDS
- :: Custom Designs

Metal insert gaskets are composite sealing elements consisting of an elastomer reinforced with a metal insert. This construction enhances structural integrity, making them ideal for applications involving high pressure, high temperature, and aggressive media. The metal insert provides dimensional stability and blowout resistance, while the outer elastomer layer ensures a tight, flexible seal.

KEY FEATURES

- :: Reinforced for high-pressure, high-stress applications
- :: Excellent blowout resistance and dimensional stability
- :: Withstands thermal cycling and mechanical loads
- :: Superior sealing performance in flanged joints
- :: Customizable designs to match application needs
- :: Long service life and reduced maintenance frequency

METAL INSERTS

- :: Carbon Steel
- :: Stainless Steel (304/316)
- :: Aluminum
- :: Copper or Brass

MATERIAL

NR, NBR, PBR, SBR, EPDM, NEOPRENE, HYPALON, VITON.

Rubber Diaphragms

Precision Rubber Diaphragms for Accurate Flow Control

Rubber diaphragms are flexible, elastomeric components designed to separate fluids, gases, or solids while providing pressure or vacuum control in various systems. Typically used in pumps, valves, actuators, and other fluid handling equipment, rubber diaphragms maintain their sealing properties under a range of pressure conditions and temperatures.

MATERIAL

Nitrile (NBR), EPDM, Viton®, and Silicone

KEY FEATURES

- :: High Flexibility
- :: Pressure & Vacuum Resistance
- :: Chemical Compatibility
- :: Customizable Shapes & Sizes
- :: Durability

TYPES

- :: Saunders ("A" weir) Type
- :: AOD Type
- :: Samson Type
- :: Pneumatic Control Valve
- :: Actuators type
- :: Dosing pumps Diaphragm



Butterfly Valve Seats

Precision Sealing for Flow Control Applications



Butterfly valve seats are critical sealing elements that ensure tight shut-off and leak prevention in butterfly valves. Made from a variety of elastomers and polymers, these seats provide reliable sealing performance in both high and low-pressure systems across various industries. They are designed to resist wear, deformation, and chemical attack, ensuring long service life even under harsh operating conditions.

MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE, VITON.

KEY FEATURES

- :: Bubble-tight shutoff capability
- :: Resistant to corrosion, chemicals, and wear
- :: Compatible with a wide range of fluids and gases
- :: Custom-molded to fit standard or proprietary valve designs

STANDARDS

- | | |
|-------------------------|---------------|
| :: ASME B16.10 | :: ISO 5752 |
| :: ANSI Class 150 / 300 | :: EN 558 |
| :: PN10 / PN16 / Pn25 | :: JIS B 2032 |



Rubber Bushes

High-Performance Vibration & Shock Absorption Solutions



Our rubber bushes are engineered to provide optimal vibration damping, noise reduction, and mechanical cushioning in dynamic load environments. These components are molded using high-grade elastomers including.

MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE, VITON.

KEY FEATURES

- :: Excellent shock & vibration absorption
- :: Resistance to oil, fuel, and environmental aging
- :: Operating temperature range: -40°C to +200°C (material-dependent)
- :: High tensile strength and durability
- :: Custom shapes and hardness (Shore A) available



Silent Bushes / Metal Bonded Bushes

Silent Bushes That Endure the Toughest Vibrations

Silent bushes, also known as metal bonded bushes, are engineered components made by bonding rubber with inner and outer metal sleeves. They are designed to absorb vibrations, reduce noise, and withstand high mechanical loads in dynamic systems. These bushes combine the flexibility of rubber with the structural integrity of metal, making them ideal for critical load-bearing applications.

MATERIAL

- :: Inner & Outer Sleeves: Mild steel, stainless steel, brass and aluminum (optional coatings for corrosion resistance)
- :: Elastomer Core: Available in Natural Rubber, NBR, EPDM, or Polyurethane — selected based on application requirements

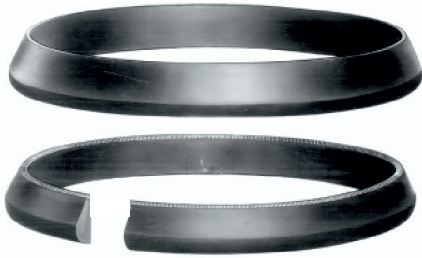
KEY FEATURES

- :: Rubber-to-metal bonded construction
- :: Excellent vibration and noise dampening
- :: High torsional and radial load resistance
- :: Long operational life under heavy-duty conditions
- :: Maintenance-free and corrosion-resistant options available



Coupling Gaskets

Durable Sealing for Pipe Coupling and Joint Integrity



Coupling gaskets are elastomeric sealing rings used in mechanical pipe couplings to create a leak-proof joint between two pipes. They play a critical role in ensuring tight, flexible, and durable seals under varying pressures, temperatures, and media types. These gaskets absorb vibration, tolerate misalignment, and prevent leakage in both rigid and flexible coupling systems.

Designed for grooved, flanged, or compression-type couplings, coupling gaskets are used across a wide range of industries and infrastructure systems for their quick installation, longevity, and robust sealing performance.

STANDARDS

- :: AWWA C606
- :: ANSI / ASME B16.5 & B16.47
- :: ISO 2531 / ISO 6182
- :: BS EN 545 / 598

MATERIAL

NR, NBR, PBR, SBR, EPDM, NEOPRENE, VITON.

KEY FEATURES

- :: Provides flexible yet secure sealing
- :: Absorbs vibration and allows minor misalignment
- :: Suitable for pressure and vacuum systems
- :: Resistant to oils, water, chemicals, and temperature variations

Rubber Pads for Wagon Tippers

Shock Absorption and Load Cushioning for Heavy-Duty Material Handling



Rubber pads for wagon tippers are specially engineered elastomeric components used in the unloading systems of railway wagons, particularly in wagon tippers where heavy loads are tilted for bulk material discharge. These pads play a crucial role in absorbing impact, reducing vibrations, and protecting structural components from wear and damage during tipping operations.

Designed for extreme mechanical stress and dynamic loading, these pads are manufactured from high-durability rubber compounds to provide long service life, safety, and noise reduction in high-capacity material handling systems.

KEY FEATURES

- :: High resilience and energy absorption
- :: Withstands heavy loads and repeated impact
- :: Resistant to abrasion, tearing, and weathering
- :: Reduces structural stress and mechanical vibration
- :: Easy to install and replace
- :: Available in various shapes, hardness levels, and mounting configurations

MATERIAL

Natural Rubber Nitrile (NBR), EPDM & Neoprene

Grommets

Durable Protection for Holes, Wires, and Cables in Industrial Applications



MATERIAL

NR, NBR, SILICON, PBR, SBR,
EPDM, NEOPRENE & VITON

Grommets are flexible, durable, and protective components designed to reinforce holes and provide a smooth, rounded edge to prevent wear, damage, or fraying of wires, cables, and hoses that pass through them. Made from rubber, silicone, neoprene, or other elastomeric materials, grommets are widely used in a variety of industries to ensure that cables and other materials remain securely in place while offering protection against environmental factors such as moisture, dust, and chemicals.

These components are commonly used in electrical systems, automotive applications, machinery, and construction for both protection and support of wires, cables, and hoses running through holes in panels, metal sheets, or enclosures.

KEY FEATURES

- :: Protection & Reinforcement
- :: Shock Absorption
- :: Chemical & Weather Resistance
- :: Electrical Insulation
- :: Easy to Install
- :: Wide Material Range
- :: Customization

Skirt Belt Rubber

Efficient Containment and Protection for Conveyor Systems



MATERIAL

NR, NBR, EPDM, NEOPRENE, FKM &
SILICONE RUBBER

Skirt belt rubber is a specialized rubber material used in conveyor systems to form a barrier along the sides of the belt, effectively containing and controlling the movement of materials. It helps prevent spillage, reduces dust, and enhances the overall performance and safety of the conveyor system. Skirt belt rubber is typically installed alongside the conveyor belt where it contacts the material being transported.

This rubber material is engineered to handle abrasive materials, heavy loads, and high-impact environments, providing a reliable and durable solution for mining, aggregate, recycling, and bulk material handling industries.

KEY FEATURES

- :: Durability & Long Life
- :: Excellent Containment
- :: High Flexibility
- :: Easy Installation & Maintenance
- :: Customizable: Available in various lengths to match conveyor system specifications
- :: Reduced Dust Emission

Element Packers

Efficient Sealing and Pressure Control Solutions for Industrial Systems



Our Rubber Element Packers are engineered sealing components designed for downhole applications in oil and gas exploration. These packers provide reliable zonal isolation, pressure containment, and fluid control in challenging subsurface environments. Manufactured using high-performance elastomers, they ensure durability and efficiency in various well conditions.

MATERIAL

- :: HNBR (Hydrogenated Nitrile Butadiene Rubber): Offers excellent resistance to heat, oil, and chemicals.
- :: NBR (Nitrile Rubber): Suitable for applications involving oils and fuels.
- :: FKM (Viton): Provides superior performance in high-temperature and harsh chemical environments.
- :: Aflas: Ideal for high-pressure, sour gas, or amine-rich conditions.



TYPES OF ELEMENT PACKERS

- :: Bridge Packers
- :: Inflatable Packers
- :: Retrievable Packers
- :: Permanent Set Packers
- :: Expandable Rubber Elements



KEY FEATURES

- :: High-Pressure Sealing: Capable of maintaining seal integrity at pressures exceeding 70 Mpa.
- :: Thermal Resistance: Operates effectively in temperatures ranging from -40°C to +150°C.
- :: Chemical Compatibility: Resistant to a wide range of drilling fluids, hydrocarbons, and corrosive gases.
- :: Abrasion-Resistant Formulation: Designed for extended service life in abrasive downhole conditions.
- :: Customizable Designs: Available in various sizes and configurations to meet specific operational requirements.

Rubber Washers

Reliable Sealing Solutions for Industrial and Mechanical Applications



MATERIAL

NR, NBR, EPDM,
NEOPRENE, FKM &
SILICONE RUBBER

Rubber washers are flat, ring-shaped elastomeric components designed to provide sealing, cushioning, and vibration dampening in mechanical and industrial applications. These washers are used to distribute load, prevent leaks, and protect surfaces from wear and tear. Made from durable rubber materials, they offer reliable sealing solutions for both static and dynamic applications across various industries.

Available in a variety of sizes, thicknesses, and material compositions, rubber washers ensure excellent resistance to water, oil, chemicals, and high temperatures, making them ideal for use in automotive, electrical, plumbing, industrial machinery, and construction industries.

KEY FEATURES

- :: Excellent Sealing Properties
- :: Load Distribution
- :: Oil, Water & High Temp. Resistance
- :: Vibration Dampening
- :: Wide Temperature Range
- :: Durable and Long-Lasting
- :: Customizable Sizes and Shapes
- :: Corrosion Resistance
- :: Easy Installation

Rail Rubber Pads

Vibration Dampening and Load Distribution for Track Stability



MATERIAL

NR, NBR, SILICON, PBR, SBR,
EPDM, NEOPRENE, VITON

Rail pads are resilient rubber or polymer components installed between the steel rail and the concrete or wooden sleeper (tie) in railway tracks. They serve as a cushioning layer that absorbs shocks, dampens vibrations, and evenly distributes loads from passing trains. This not only enhances ride comfort and reduces noise but also prolongs the life of both the track and rolling stock.

Engineered to withstand extreme environmental conditions and heavy mechanical loads, rail pads are critical in track performance, alignment stability, and track bed protection.

KEY FEATURES

- :: Reduces vibration and noise during train movement
- :: Absorbs dynamic and static loads from rail traffic
- :: Protects sleepers and ballast from wear and fatigue
- :: Weather, UV, and ozone resistant
- :: Excellent recovery and compression properties

Dust Covers

Protection Against Dust, Debris, and Environmental Contaminants



MATERIAL

NR, NBR, SILICON, PBR, SBR,
EPDM, NEOPRENE & VITON

Dust covers are protective components designed to shield mechanical parts, machinery, and sensitive equipment from dust, debris, moisture, and other environmental contaminants. Made from durable elastomers or fabric-based materials, these covers provide effective protection in industrial, automotive, and other demanding environments where contaminants can cause damage to moving parts or reduce the performance of equipment. Dust covers are commonly used in applications like automotive suspension systems, machine tools, industrial machinery, and hydraulic systems, where clean and smooth operation is critical.

KEY FEATURES

- :: Protection from Contaminants
- :: Flexible Design
- :: Durable Construction
- :: Easy to Install
- :: Abrasion-Resistant
- :: Chemical Resistance
- :: Long-Lasting Performance
- :: Cost-Effective

Cyclone Cones

Precision Separation and Dust Collection for Industrial Air Filtration Systems



MATERIAL

NR, EPDM & SILICONE RUBBER

Cyclone cones are key components of cyclone separators, designed to enhance the efficiency of particle separation in air and gas filtration systems. These cones help direct the flow of dust-laden air into a spiral path, forcing heavier particles toward the cone walls through centrifugal force, allowing cleaner air to exit through the center.

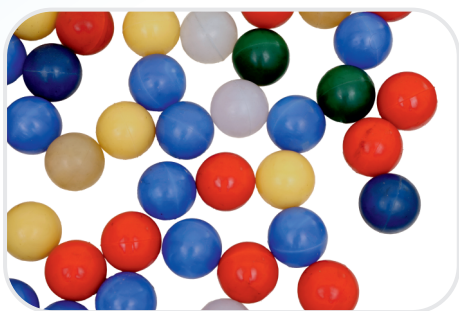
Typically made from rubber or metal with rubber lining, cyclone cones are engineered to withstand abrasive particles, high-speed airflow, and corrosive environments. They are crucial for achieving high-efficiency separation in applications such as mining, cement production, power plants, and grain handling.

KEY FEATURES

- :: Efficient Particle Separation
- :: Abrasion Resistance
- :: Long Service Life
- :: Impact Resistance
- :: Corrosion Resistant Options
- :: Customizable Geometry
- :: Low Maintenance

Vibrating Screening Balls

Automatic Mesh Cleaning Solution for Chemical Processing Screens



MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE, VITON

SIZES

:: 20 mm, 25 mm, 30 mm, 32 mm, 38 mm, 40 mm, 45 mm, 50 mm

Vibrating screening balls are elastomeric balls used in vibratory and gyratory screens to prevent clogging and blinding of meshes, especially in chemical processing environments. These balls bounce continuously under vibration, dislodging particles stuck in the mesh, and enabling consistent material flow without manual cleaning. In chemical plants, where product purity, flow efficiency, and equipment uptime are critical, these screening balls are formulated from chemically resistant rubber or polymers to withstand exposure to acids, solvents, and reactive powders.

KEY FEATURES

- :: Ensures continuous, automatic screen cleaning
- :: Prevents mesh blinding from sticky or fine powders
- :: Resistant to chemicals, oils, and solvents
- :: Enhances screening performance and reduces downtime
- :: Long-lasting, anti-wear material options
- :: Suitable for vibrating and gyratory screeners

Idler/Return Rollers & Rubber Rings

High abrasion resistance Rollers for Conveyor Systems



Our high-performance Rubber Rings for Idler Rollers are engineered to enhance conveyor system durability and efficiency. Manufactured from premium-grade rubber compounds, these rings offer superior wear resistance, shock absorption, and noise reduction. Designed to fit various idler roller dimensions, they effectively protect the rollers from material build-up and abrasion, thereby extending equipment life and reducing maintenance downtime.

MATERIAL

Natural, NBR & Special Blend as per application.

KEY FEATURES

- :: Excellent impact and abrasion resistance
- :: Designed for smooth rotation and minimal vibration
- :: Withstands harsh environmental conditions
- :: Available in multiple sizes and rubber grades
- :: Ideal for mining, cement, and bulk material handling industries

Rubber Fenders

Complete Shock Absorption Solutions for Marine & Transport Applications



Rubber fenders—also known as bumpers—are elastomeric protective components designed to absorb kinetic energy during collisions between moving objects and fixed structures. Used widely in marine berthing, loading docks, trucks, industrial machinery, and transport systems, these fenders reduce impact forces, prevent structural damage, and extend equipment life.

Manufactured from high-strength, weather-resistant rubber compounds, fenders are tailored in various shapes and profiles to suit different environmental conditions and load types.

MATERIAL

NR, NBR, EPDM, NEOPRENE & REINFORCED RUBBER

Types of Rubber Fenders & Their Features

1. D-Type Fender

- :: Compact “D” shape with flat back
- :: Easy to bolt onto docks, tugs, vessels
- :: Used for piers, pontoon edges, loading bays

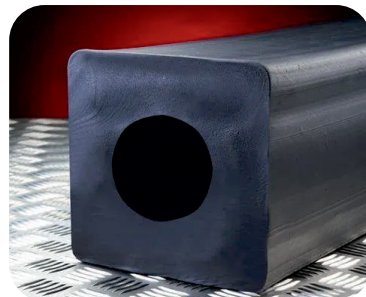


2. Cylindrical Fender

- :: Hollow round cross-section
- :: Ideal for heavy berthing applications
- :: High energy absorption, suspended via chains or rods

3. Square Fender

- :: Strong rectangular body with wide contact area
- :: Suitable for quay walls, ro-ro ramps, and corner protections
- :: Can handle heavy shear and compression loads



4. V Type Fender (Super Arch Rubber Fender)

- :: Material : Natural Rubber
- :: Height : 100 mm to 500 mm
- :: Length : 500 mm to 1400 mm
- :: Very robust, durable and requires low maintenance
- :: High shear resistance in the longitudinal direction
- :: Can be installed both vertically and horizontally

Rubber Molded Bumpers

Complete Protection for your Berth / Concrete Structure for Industrial & Transport Applications



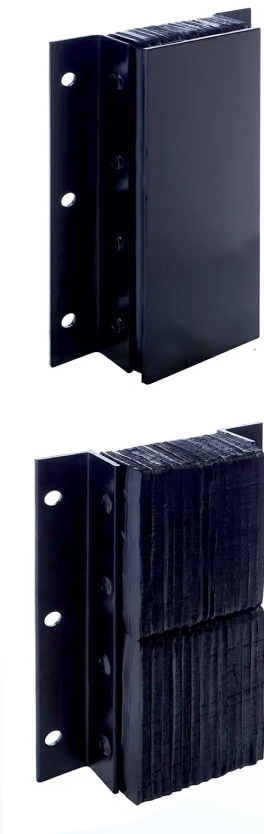
Our Rubber Molded Dock Bumpers are engineered to provide superior protection for loading docks, warehouses, and material handling areas. Constructed from high-quality, fiber-reinforced prime rubber containing nylon and polyester, these bumpers offer exceptional durability and impact resistance. Designed to absorb shocks from trucks and forklifts, they help prevent structural damage and reduce maintenance costs.

KEY FEATURES

- :: High Impact Resistance: With a durometer reading of 80 ± 5 and tensile strength ranging from 950 to 1505 psi, these bumpers effectively absorb and dissipate impact energy.
- :: Durable Construction: Molded in a single piece to prevent warping, rusting, or hardening over time, ensuring long-term reliability.
- :: Weather Resistant: Immune to various weather conditions, making them suitable for both indoor and outdoor applications.
- :: Easy Installation: Pre-drilled, countersunk holes accommodate up to $\frac{3}{4}$ " anchor bolts, facilitating straight forward mounting on concrete surfaces.

APPLICATIONS

- :: Loading docks in warehouses and distribution centers
- :: In-plant wall protection from forklifts and other material handling equipment
- :: Low to medium traffic dock areas



Rubber Mounts for Engine / Machine

Vibration Dampening and Load Support for Industrial Applications



MATERIAL

NR, NBR, SILICON, PBR, SBR,
EPDM, NEOPRENE & VITON

Rubber bobbin mounts are high-performance vibration isolation components designed to reduce vibrations, shock, and noise in a wide range of industrial applications. These mounts are typically cylindrical or bobbin-shaped and are made from durable rubber compounds, offering effective isolation between machinery or equipment and their supporting structures.

The flexible design of rubber bobbin mounts makes them ideal for use in automotive, machinery, industrial equipment, and other applications where vibration control is essential. Their robust performance in harsh environments, along with ease of installation and cost-effectiveness, makes them a preferred choice for applications requiring vibration damping and noise reduction.

KEY FEATURES

- :: Vibration Dampening
- :: High Load-Bearing Capacity
- :: Durable Rubber Construction
- :: Temperature Resistance
- :: Corrosion Resistance
- :: Cost-Effective

Rubber Bellows

Flexible Protection & Vibration Absorption for Mechanical and Piping Systems



MATERIAL

NR, NBR, EPDM, NEOPRENE
VITON, SILICONE RUBBER

Rubber bellows are flexible connectors made from reinforced elastomers, designed to absorb mechanical movement, compensate for misalignment, and isolate vibration in piping systems, ducts, and machinery. They also provide a sealed barrier against dust, moisture, chemicals, and other contaminants, helping to protect sensitive mechanical components such as shafts, joints, and expansion areas.

Available in circular, rectangular, and custom shapes, rubber bellows are used in static and dynamic applications across a range of industries, from power generation and HVAC systems to automotive, chemical processing, and marine operations.

KEY FEATURES

- :: Movement Absorption
- :: Vibration & Noise Isolation
- :: Sealing Protection
- :: Corrosion & Chemical Resistance
- :: Thermal Expansion Compensation
- :: Weatherproof & UV Resistant
- :: Easy Installation & Maintenance

Rubber Sheets

Durable, Versatile, and High-Performance Sealing Solutions



MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE & VITON

Rubber sheets are flat, flexible elastomeric materials that are widely used for gasketing, sealing, cushioning, and vibration dampening in various industrial applications. These sheets are available in a wide range of thicknesses, sizes, and rubber materials to suit diverse operational conditions and requirements.

Rubber sheets are known for their excellent flexibility, resilience, and abrasion resistance, making them ideal for a broad range of industries, including automotive, construction, manufacturing, and chemical processing. Whether you need high-performance seals, insulation, or protective covers, rubber sheets are an essential part of industrial and commercial applications.

KEY FEATURES

- :: Flexible and Easy to Use
- :: High Durability
- :: Wide Range of Materials
- :: Versatile Applications
- :: vibration dampening
- :: Customization

Rubber Rollers

Versatile and Durable Rollers for a Range of Applications



MATERIAL

NR, NBR, EPDM, NEOPRENE & REINFORCED RUBBER

Rubber rollers are essential components used in various conveyor systems, machinery, and processing equipment to provide support, cushioning, and smooth operation. These rollers are typically designed with a rubber coating that offers superior grip, shock absorption, and wear resistance, making them ideal for applications where noise reduction, load support, and material protection are crucial.

With their flexibility and resilience, rubber rollers are widely used in printing presses, textile machinery, packaging lines, and more. They are engineered to improve the efficiency and reliability of operations while protecting both the equipment and the materials being handled.

KEY FEATURES

- :: Superior Grip & Traction
- :: Shock Absorption
- :: Durable Rubber Coating
- :: Noise Reduction
- :: Corrosion & Chemical Resistance
- :: Customization: Available in various diameters, lengths, and rubber compositions to suit specific requirements

Rubber Extended Channels, Sections & Tubes

High-Performance Sealing and Protection for Industrial Applications



MATERIAL

NR, NBR, SILICON, PBR, SBR,
EPDM, NEOPRENE & VITON

Rubber extended channels, sections, and tubes are specialized elastomeric products designed for sealing, weatherproofing, and structural protection in a wide variety of industrial environments. These components are ideal for heavy-duty applications where traditional seals may fall short in terms of durability or versatility.

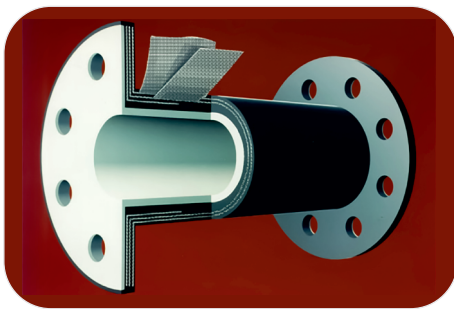
With unique extended channel profiles, sea sections, and tubular shapes, these rubber products provide outstanding protection against dust, moisture, chemicals, and temperature extremes, making them suitable for applications in marine, automotive, construction, HVAC, and industrial machinery.

KEY FEATURES

- :: Flexible and Customizable Profiles
- :: Superior Sealing
- :: UV, Ozone & Weather Resistance
- :: Durable & Long-Lasting
- :: Temperature Resistance
- :: Easy to Install

Pinch Valve Seats

Flexible Sealing for Abrasive, Corrosive, and Slurry Applications



STANDARDS

- :: ISO 5208 / EN 12266
- :: DIN & ANSI
- :: Custom-Fit Designs

Pinch valve seats (also referred to as sleeves or liners) are flexible, replaceable components that form the internal sealing surface of a pinch valve. Designed to handle difficult media like slurries, powders, corrosive chemicals, and abrasive materials, these sleeves are made from highly resilient elastomers.

MATERIAL

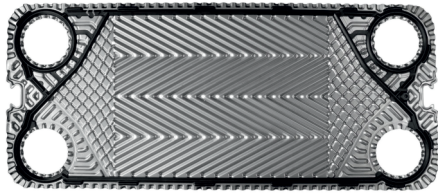
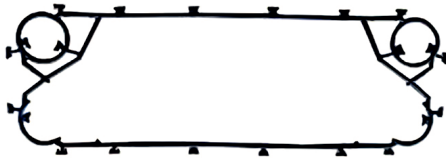
NR, NBR, SILICON, PBR, SBR, EPDM,
NEOPRENE, VITON.

KEY FEATURES

- :: Full bore, straight-through flow path
- :: No clogging or flow restrictions
- :: High resistance to abrasion and corrosion
- :: Bubble-tight shutoff with minimal wear

PHE Gaskets (Plate Heat Exchanger Gaskets)

Reliable Sealing for Efficient Thermal Transfer Systems



PHE gaskets are precision-molded elastomeric seals designed for use in plate heat exchangers. They ensure leak-proof operation by sealing between plates and directing the flow of fluids through the correct channels. These gaskets play a critical role in maintaining thermal efficiency, process integrity, and contamination prevention in applications requiring temperature or fluid separation. Designed for repeated use, PHE gaskets are removable and re-attachable during maintenance.

MATERIAL

Nitrile (NBR), EPDM, Viton®, and Silicone

KEY FEATURES

- :: Excellent chemical and thermal resistance
- :: Leak-proof operation under pressure
- :: Reusable during plate reassembly
- :: Tailored for specific plate profiles and designs
- :: Available for most major PHE brands and models
- :: Resistant to compression set and media aging

PTFE Seals & Components

Durable, High-Performance Sealing Solutions for Extreme Conditions



PTFE (Polytetrafluoroethylene) Seals & Components are advanced sealing solutions designed to offer exceptional chemical resistance, high-temperature stability, and outstanding performance in challenging environments. PTFE, commonly known as Teflon, is an extremely versatile material that provides excellent sealing properties and long-lasting protection in applications where conventional seals fail.

PTFE seals are commonly used in pumps, valves, chemical processing, and pharmaceutical industries, where resistance to extreme temperatures, aggressive chemicals, and high pressures is required. These seals are highly durable, non-reactive, and effective in both dynamic and static sealing applications.

MATERIAL

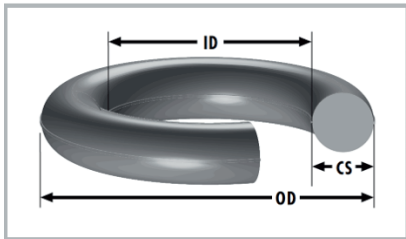
- Virgin PTFE
- Glass-Filled PTFE
- FDA-Approved PTFE
- Elastic PTFE

KEY FEATURES

- :: Superior Chemical Resistance
- :: High-Temperature Tolerance
- :: Low Friction
- :: Long Lifespan
- :: Non-Stick Properties
- :: High Pressure Resistance
- :: Versatile Design
- :: FDA Compliant

O-RINGS

Durable, Flexible, Leak-Proof O-Rings



O-rings are circular, elastomeric seals used to prevent the leakage of fluids or gases in static and dynamic applications. These seals are designed to fit into a groove and create a pressure-tight seal when compressed between two parts. O-rings are manufactured from a wide range of elastomers to suit various applications.

MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE, VITON.

KEY FEATURES

- :: Cost-effective and versatile sealing solution
- :: Available in a wide variety of materials for different temperatures and pressures
- :: Resistant to oils, fuels, chemicals, and environmental factors (depending on the material)
- :: Provides superior sealing in dynamic and static applications
- :: Can be used in high-pressure, high-temperature, and corrosive environments

Oil Seals

Reliable Sealing Solutions for Rotating and Reciprocating Shafts



MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE & VITON.

DIMENSION STANDARDS

- DIN 3760 / ISO 6194
- SAE, JIS & BS

Oil seals, also known as shaft seals, rotary seals, or lip seals, are critical components used to prevent the leakage of lubricants and the ingress of dust, dirt, water, or other contaminants into mechanical systems. These seals are positioned between stationary and moving parts in rotating or reciprocating shafts, ensuring the integrity of bearings and internal components.

Manufactured from durable elastomers and often reinforced with a metal case or spring, oil seals are designed to perform in a variety of harsh industrial environments, offering resistance to heat, oil, chemicals, and pressure.

KEY FEATURES

- :: Leak Prevention
- :: Durable Design
- :: Reinforced Structure
- :: Chemical & Temperature Resistance
- :: Custom Profiles Available
- :: Extended Equipment Life

LIP CONFIGURATIONS

- SINGLE LIP, DOUBLE LIP & PRESSURE-TYPE SEALS

Seal Kits

Comprehensive Sealing Solutions for Industrial and Mechanical Systems



MATERIAL

VITON, NR, NBR & EPDM

Seal kits are pre-assembled, ready-to-install packages that contain a variety of seals, o-rings, and gaskets designed for use in mechanical, hydraulic, and pneumatic systems. These kits provide all the necessary components required to perform seal replacements or repairs, ensuring that your equipment remains sealed, functional, and leak-free.

Available for a wide range of applications, including automotive, industrial machinery, hydraulic systems, and pneumatic tools, seal kits are designed for durability and reliability. They are custom-designed to fit specific models and brands, making them an essential component for maintenance, repairs, and refurbishment of machinery and equipment.

KEY FEATURES

- :: Comprehensive Kits
- :: Durable Materials
- :: Leak-Free Operation
- :: Variety of Sizes and Types
- :: Easy to Use
- :: Cost-Effective

Special Application Hose

Heavy-Duty Flexible Hoses for Abrasive & Corrosive Material Handling



MATERIAL

NR, NBR, EPDM, NEOPRENE & VITON

Slurry hoses are specially designed rubber hoses used for transferring abrasive slurries, sand, gravel, mud, ore, and other solids-laden fluids in mining, dredging, industrial, and processing applications. Constructed with reinforced layers of synthetic rubber, textile or steel wire braiding, these hoses are built to endure high abrasion, impact, and corrosion, while maintaining flexibility and reliability in the harshest operating environments.

Their inner lining is made from high-grade rubber compounds for maximum wear resistance, while the outer layer resists external abrasion, weathering, and UV degradation. Slurry hoses can be supplied with flanged, beaded, or cuffed ends, and are available in both straight and tapered designs to suit various application needs.

KEY FEATURES

- :: High Abrasion Resistance
- :: Flexible Construction
- :: Pressure & Vacuum Rated
- :: Corrosion Resistant
- :: Shock Absorption
- :: Custom End Fittings
- :: Long Service Life

Rubber Cords

Versatile Sealing and Gasketing for Industrial and Custom Applications



MATERIAL

NR, NBR, SILICON, PBR, SBR, EPDM, NEOPRENE & VITON.

Rubber cords are continuous-length, round-profile elastomeric products used for sealing, cushioning, insulation, and gasketing in various industrial environments. They are ideal for fabricating custom-sized O-rings, static seals, or vibration dampers and are available in solid profiles depending on the application.

Offered in a wide range of diameters, hardness levels, and rubber materials, rubber cords provide a flexible sealing solution for dynamic and static applications across multiple industries, including automotive, food processing, chemical, marine, and manufacturing.

KEY FEATURES

- :: Flexible and Customizable
- :: Wide Material Range
- :: Excellent Compression Set Resistance
- :: UV, Ozone & Weather Resistant
- :: Durable & Long-Lasting
- :: Color-Coded Options

Rubber Nozzle

Innovative Nozzles for Sustainable Solution



Our Rubber Nozzles are precision-molded components designed to deliver controlled flow, spray, or sealing functions in various industrial applications. Manufactured using high-performance elastomers such as EPDM, Nitrile (NBR), Silicone, or Viton, these nozzles offer excellent chemical resistance, flexibility, and long service life even under harsh operating conditions.

KEY FEATURES

- :: High Chemical Resistance
- :: Thermal Stability
- :: Abrasion Resistant
- :: Flexible & Durable
- :: Long service Life
- :: Customizable Designs

MATERIAL

NBR, EPDM, SILICON & VITON

Our Valuable Clients

We will be recognized and respected as the “go-to” company for any customer who values quality products and excellent service at a fair price.



Why choose us?

- We can meet your customise requirement for designing of product and compound as per application to fulfil your desire expectation.
- Product imported till yesterday, now produced and supplied indigenously.
- Cost effective and staggered delivery model.
- We precisely and strictly develop our products with unparalleled precision and quality.
- We have 150+ formulation for different product Specification.
- We deliver excellence with every product, ensuring precision, quality, and sustainability from start to finish.
- We consistently provide on-time delivery with exceptional quality.

OUR GLOBAL REACH



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