



Founded on the twin principle of "Ingenuity and Innovation", we at SHYAM RUBBER INDUSTRIES have over the years tailored, designed, developed and mastered almost everything in Moulded and Extruded Rubber to meet the various requirements of our customers. Well equipped with the latest machineries, and backed by a team of experienced workforce, we have the capacity as well as the expertise to manufacture a wide gamut of Molded and Extruded Rubber Component.

Established in the year 1986, we, SHYAM RUBBER INDUSTRIES certified manufacturer and supplier of a wide array of Rubber Sheets, Rubber O-Rings, Rubber Oil Seals, Rubber Moulded Articles, Rubber Extrusions, Rubber Expansion Bellows, Silicone Rubber Moulds and Viton Rubber Products. We manufactured these products using superior quality rubber and technically advanced machines. These products are widely appreciated for their attributes like dimensional accuracy, wear & tear resistance, easy installation, longer service life, flexible and resistance against temperature. We offer these products in various dimensions and other specifications to our valuable customers.



## **Our Mission**

We are committed to providing our customers with 100% conformance to their engineering specifications, with on time delivery, at competitive prices. Our continuous quality improvement process, with total employee involvement is designed for the mutual benefits of our associates and our customers. We shall deliver those products and services mindful of our determination to be viewed as superior to our competition.

Industrial Moulder's continually monitors its progress towards perfection by measuring key performance indicators including

- ·Low customer complaint and return levels
- ·Zero delivery defects
- ·Continued scrap reduction
- ·High customer satisfaction rating
- ·Strong delivery performance

Our Quality Assurance Department ensures that all operators are fully trained in the use of the latest inspection instruments and techniques.

Each operator quality checks their own output prior to passing product for the next stage of production.

All parts are subject to a final quality control inspection to ensure that our customer's total requirements have been met.



## **Rubber Bellow**

We offer a range of Rubber Bellows that are known for their quiet and smooth operation. With high degree of torrential stiffness and, these rubber mounted bellows are wear and maintenance free. Our mounted bellows compensates for axial, lateral and angular shaft misalignments. They can be easily mounted and dismounted. Long lasting in quality these bellows protects shafts & moveable joints and enhances the life of wearing parts by checking the penetration of dust particles. We also specialize in bellows which are made as per customer specifications with different types of synthetic rubber materials like nitrile, silicone, chloroprene, poly acrylic rubber, viton and many more.Bellows Expansion/Joints are essentially used in pipelines and ducting to compensate..

## **Application**

- ·Steel Plants.
- ·Boiler Plants.
- ·Industrial Blowers & Suction Pipes etc.
- ·Water Supply Pipes.
- ·Oil Tanks.
- ·Cement Plants.
- ·Petro Chemical Refineries.
- ·Industrial Chimneys.
- ·Thermal Power Station etc.

### **Materials**

EPDM.

Silicon Rubber.

Nitrile Rubber.

SBR & NBR Rubber.

Teflon.





# **Rubber Expansion Joints**

#### **Features:**

Vibration Isolation

•Thermal expansion of the pipeline

·Misalignment in piping

·Relieve load on equipment ·Dismantling of Valve or Tongue and Groove flanges

·Fully Liquid and Gas tight

·Manufactured in Single Or Multiple Arches

## **Application:**

•To Protect Equipment by reducing equipment vibration.

·Noise Reduction in Circuits of Fluids.

·Absorption of Vibration in Pipes, Caused by Changes to Temperature etc. ·Provide a Tight Seal Against Pipe Flanges.

·Water-Hammer Reduction.

•To provide simple connection of misaligned pipes.

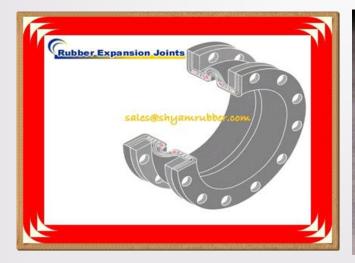
·Absorption of all types of Movements, Such as Axial Compession, Elongation etc.

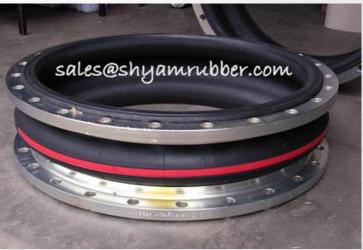
### **Materials:**

·Rubber-Neoprene, Nitrile, EPDM, SBR etc.

·Fabrics-Canvas, Rayon, Polyester, Nylon, Glass Fabric etc.

·Metal Flanges-Stanless Steel, M.S., Aluminium etc.







# Rubber Expansion Joints

## **Pressure Ratings**

Pipe Size I.D.	Pressure		Vacuum	
Inches MM	PSI	Bar	In.HG	MM HG
1/2-4 13-100	165	11	29.9	750
5-12 125-300	140	10	29.9	750
14 350	85	6	29.9	750
16-24 400-600	65	4.5	29.9	750
26-66 650-1650	55	3.8	29.9	750
68-96 1700-2400	45	3	29.9	750
98-108 2450-2700	40	2.8	29.9	750
110-114 2750-3600	30	2	29.9	750

## **How to Select Expansion Joint**

- \* Pipe Size
- \* Pumped Medium: Type of Liquid, Gas etc.
- \* Temperature Range.
- \* Pressure/Vacuum Range.
- \* Movement Required.
- \* Exposing to Environment (Oil, Chemicals, Ozone, Liquids, Sunlight etc.
- \* Face to Face Distance for Installation.
- \* Degree of Pipe Misalignment.
- \* Drilling Standard (For Nonstandard Flange OD, Bolt, PCD, No. of Hole, Hose Dia)
- \* Required of Retaining Ring, Control Unit & May Other Special Construction.

Apart from The Regular ANSI B 16.5,PN 10,PN 16,ASA 150 etc,We Even Customize Expansion Joints to fit your odd sized.

## Fabric Bellow

### **Types Of Bellows**

- Canvas Bellows
- Ceramic Fabric Bellows
- Rexene Bellows
- Fabric Bellows
- Fiber Glass Bellows

### Sizes & Shapes Of Bellows

- Circular Bellows
- Rectangular Bellows
- Square Bellows
- Hexagonal Bellows'C' Type Bellows

#### Bellows are used in:

- Liquid
- Oil
- Water
- Dust
- Coolant



We are Leading Manufacturers of high temperature fabric bellows, Rexin bellows, coated fabric bellows, glass fabric bellows, Canvas Bellow from Mumbai. We offer a wide array of dimensionally accurate industrial supplies that are used in various industrial applications. These prevent dust particles, metallic chips etc These products are appreciated for being dimensionally accurate, resistant to wear and tear, compact in size and easy to install.



### **Features:**

- Dimensionally accurate
- Longer service life
- Low maintenance



## Fabric Bellow

Types Of Bellows	Sizes & Shapes Of Bellows	Bellows Are Used In
(j) <u>Canvas Bellows</u>	(j) Circular Bellows	(j) Liquid
(j) Ceramic Fabric <u>Bellows</u>	(j) Rectangular Bellows	(j) Oil
(j) Rexene Bellows	(j) Square Bellows	(j) Coolant
i Fabric Bellows	(j) Hexagonal Bellows	(j) Water
<u>Fiber Glass Bellows</u>	(j) 'C' Type Bellows	(j) Dust
(j) PTFE Bellows	(j) Octagonal Type Bellows	(j) Metallic Chips

We are Leading Manufacturers of high temperature fabric bellows, Rexin bellows, coated fabric bellows, glass fabric bellows, Canvas Brllow from Mumbai. We offer a wide array of dimensionally accurate industrial supplies that are used in various industrial applications. These prevent dust particles, metallic chips etc These products are appreciated for being dimensionally accurate, resistant to wear and tear, compact in size and easy to install.

### Features:

Dimensionally accurate Longer service life Low maintenance







## Rubber Gasket

With our extensive processing capabilities, we are able to make close tolerance Rubber Gaskets quickly and effectively. More importantly, we are able to make them cost effectively. By the contribution of our proficient team, we become successful in manufacturing. As per the technical specification our product are manufactured with superior raw material and can also make the product as the client want. Our clients can get these product pre-joint or continuous length such as L-shape, D-shape, U-shape as well as in rectangular shape

## **Application:**

- Fluid restriction
- Weather insulation
- Vibration dampening
- Electrical absorption
- Noise reduction
- Packaging
- Cushioning

#### **Features:**

- Excellent finish
- Perfect dimensions
- Enhanced durability





### Standard Rubber Gasket Materials.

- •Neoprene
- ·Silicone
- •Nitrile(NBR)
- ·SBR
- •FPDM
- Viton
- Splicing and vulcanizing
- Dual durometer extrusion
- Die cut gaskets up to 60" x 36"
- Flash cutting.







# **Rubber Diaphragms**

Rubber Diaphragms are resistant to a variety of media at different pressure. It's function is to fulfill switch, control, valve, pump and accumulator functions. Diaphragms are a sealing & moveable dividing membranes between two components. We are manufacturing Diaphragms With nylon Cloth inserted also. These molded rubber diaphragm acts as a membrane between two mediums and phases. They find usage in almost all industries from automobile to general industrial applications. These rubber molded Diaphragms offer hassle free long life service and known for incomparable quality & superior functionality. Made from top quality rubber, these corrosive resistance rubber molded diaphragms offer high performance in a variety of pressure gauges.

### Molded Diaphragm Advantages-:

- \*Best No Leak Seal
- No Lubrication
- Low Friction
- Low Hysteresis
- No Spring RateNo Break Away Friction
- ·Long Cycle Life
- Effective In Harsh Environments
- Constant Effective Pressure Area
- Low Assembly/Hardware Costs
- Exceptional Sensitivity
  Ability to Operate Under Severe Pressure
  Coated fabric molded diaphragms
- \*One side coated fabric reinforced diaphragms
- Gasketed diaphragms
- Die-cut diaphragmsMetal inserted diaphragms
- \*Over-molded custom diaphragms
- \*Homogenous rubber diaphragms or seals parts
- \*Plastic to metal molded diaphragms









## **Oil Seals**

We can supply custom molded designs for oil seals in any material and in virtually any shape or size. Send your drawings for quote.

#### **NBR - Nitrile rubber**

The most widely used elastomer in most current applications. It is particularly recommended in case of contact with:

- Paraffin-based (aliphatic) oils
- Mineral oils and fats (oils for engines, gearboxes, differentials, etc.)
- Hydraulic oils
- Water and aqueous solutions (lyes).

The temperature range varies from -30°C to + 90°C

#### Silicon rubber

Due to its chemical composition (high molecular weight chains of appropriately modified polysiloxanes), this series is particularly resistant toward atmospheric agents, light and ozone. It also exhibits an excellent high- and low-temperature resistance, so that its field of application covers a broad range. Despite its less than fully satisfactory tear and abrasion strength, its low friction coefficient amply compensates for the relative effect. It is recommended for:

- resistance to atmospheric agents, ozone, etc.
- mineral oils
- glycol-based fluids.

Never use with petrols.

The temperature range varies from -55°C to + 190°C.





## **Oil Seals**

#### **Viton Rubber**

This elastomer has exceptional heat and chemical resistance. Its properties remain indefinitely stable up to about 290°C. It offers excellent performances in contact with:

- aliphatic hydrocarbons
- aromatic hydrocarbons (toluene, benzene, xylene)
- vegetable and mineral oils and fats, even if containing additives
- chlorinated solvents
- ozone
- light and atmospheric agents.

The temperature range is from -30°C to + 290°C





## **Oil Seals**

#### **Metal case**

Its function is to offer the shaft seal the necessary rigidity to enable a stable coupling with its relative housing seating. With reference to the elastomer.

#### Inner metal case

This solution includes the following advantages:

- It eliminates the risk of corrosion
- It avoids damaging the seating, even if made of a light alloy, thus affording a better opportunity of substitutions without damages.

#### Outer metal case

This type of case was designed for applications requiring high pulling forces and automated motions based on magnetic systems. In time, it has also been shown that in order to achieve a reliable seal, a ground outer finish and a finely machined seating was needed in addition to the use of sealing materials. Its cost was considerably higher than that of a coated type. It was therefore decided to use it only in combination with high-quality compounds, where most of the cost increase is compensated by the savings in elastomer materials.

### **Spring**

The spring has a function that is complementary to the fundamental action provided by the sealing lips. In fact, heat, mechanical deformation and chemical action of the fluids affect the original properties of the rubber. As a result, the original radial force exerted by the sealing element tends to decrease. The function of the spring is to counteract this tendency. The spring is a closely wound helical spring in toric form and possesses a calculated initial pre-loadinging force. This is supplemented by a stabilizing heat treatment performed at a higher temperature than the operating one, which makes it possible to achieve:

at the design stage: the safety of using the most suitable radial force for the expected application,

at the operating stage: a guaranteed stability of the radial force itself. The temperature effect actually determines, in the course of time, not merely an alteration of the rubber's original characteristics, but also a decrease of the mechanical properties of the steel constituting the spring.

Basic Components materials used for the sealing lip
Metal case
Spring

## **Seals**

We provides a complete range of sealing products. We offer all styles, from static to dynamic, rotary to rod and piston seals. If you have a seal need, we can fill it. Consider us your single source for you inch and metric seal needs any shape and size as per your sample or As Per your drawings.

- ·U & V Seal
- •T-Seal
- Piston Seal
- Rod Seal
- Wiper
- Spring Loaded Seal
- Cup Seal
- Chevron Packing

#### Materials

- Buna-N (Nitrile)
- •Viton®\* (Fluorocarbon)
- ·Silicone
- EPDM (Ethylene Propylene)
- •Teflon® (PTFE)
- ·Neoprene®\*
- Butyl
- •Aflas®‡
- •Hypalon® \*
- •Polyurethane
- Rubber Urethane
- ·SBR







## Rubber Sheet

## **EPDM Rubber Sheet**

EPDM or Ethylene Proplene Diene Monomer has an excellent operating temperature range of (-45)\*C to 120\*C.It is highly recommended for out door uses as it is resistant to oxidation,UV Rays and Ozone.However, EPDM does not have good oil resistance.It is resistant to many chemicals and solvents and shows a good resistance to many corrosive chemicals.It is also used for roofing sheet and weathers strips.

·Width available: 1 Mtrs/1.2 Mtrs/1.4 Mtrs/1.5 Mtrs up to max.2 Mtrs.

·Length :From 10 Mtrs Rolls up to 25 Mtrs rolls.

•Thickness :1 mmThk to 50 mm Thk.

Further customization in polymer and sizes available.

## Nitrile (NBR) Rubber Sheet

Nitrile Rubber is a co-polymer of butadiene. It has good general resistance to oil along with good mechanical properties, especially tensile, strength, flexibility, compression set and impermeability to gases. It has moderate ageing properties and good adhesion to metal. It's recommended operating temperature is (-30)\*C to 90\*C. It also displays a good resistance to chlorine. It gives satisfactory resistance to general hydrocarbons.

·Width available: 1 Mtrs/1.2 Mtrs/1.4 Mtrs/1.5 Mtrs up to max.2 Mtrs.

·Length :From 10 Mtrs Rolls up to 25 Mtrs rolls.

·Thickness :1 mmThk to 50 mm Thk.

Further customization in polymer and sizes available.

## Neoprene (Chloroprene) Rubber Sheet

Neoprene or Chloroprene Rubber has excellent mechanical and good abrasion properties. It has a good resilience against heat, ozone and weathering and also gives good adhesion to metal. The recommended operating temperature range is between (\_40)\*C to 125\*C. We also offer flame retardant grades.

## Rubber Sheet

·Width available: 1 Mtrs/1.2 Mtrs/1.4 Mtrs/1.5 Mtrs up to max.2 Mtrs.

·Length :From 10 Mtrs Rolls up to 25 Mtrs rolls.

•Thickness :1 mmThk to 50 mm Thk.

Further customization in polymer and sizes available.

#### **Natural Rubber Sheet**

NR or Natural Rubber is derived from latex liquid extracted from rubber trees. This rubber has excellent mechanical properties, low compression set and high resilence. It also has excellent dynamic and rebound properties. The operating temperature is from (\_30)\*C to 70\*C. It is available in varied range of hardness's from 30\* to 85\* shore A. It also has good resistance to acids, alkali and salt. It is recommended for use in areas where it could come in contact with oils and hydrocarbons. They are special purpose high abrasion resistant rubber, made from premium quality Natural Rubber with outstanding resistance to cut, tear and abrasion used for anti-abrasion rubber lining also for material handling in mining. Applications: Used as skirt board sheets, Bearing pads, Shot blasting sheets, High tensile applications and commercial usage with & without insertion.

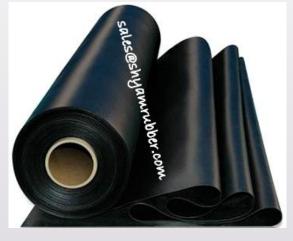
·Width available: 1 Mtrs/1.2 Mtrs/1.4 Mtrs/1.5 Mtrs up to max.2 Mtrs.

·Length :From 10 Mtrs Rolls up to 25 Mtrs rolls.

•Thickness :1 mmThk to 50 mm Thk.

Further customization in polymer and sizes available.







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## Rubber Sheet

#### **Viton Rubber Sheet**

Fluoro Elastomer Rubber or Viton has high resistance to heat with a temperature range of (-40)\*C to 280\*C.It also processes a good flame resistance and is usually self-extinguishing. Viton or FKM have excellent resistance to Oxygen, Ozone and natural weathering and also have outstanding resistance to compression, especially at elevated temperature. Its resistance to most solvents and chemicals give long service life as it has excellent resistance against hydrocarbons, aliphatic, aromatic and chlorinated chemicals and resistance to acids and alkali including oxidants.

·Width available: 1 Mtrs/1.2 Mtrs/1.4 Mtrs/1.5 Mtrs up to max.2 Mtrs.

·Length :From 10 Mtrs Rolls up to 25 Mtrs rolls.

·Thickness :1 mmThk to 50 mm Thk.

Further customization in polymer and sizes available.

#### **Silicon Rubber Sheet**

Silicon Rubber is a perfect choice for Medical, Pharmaceutical and Food processing industries. Solicon has comparatively low mechanical properties, tensile strength, elongation and tear strength, however they keep constant even at high temperatures but should not be used for high temperatures steam. Its resistance to oil and hydrocarbon is fairly limited and similar to that of chloroprene rubbers. Reasonable resistance to a whole range of general chemicals but acids, alkalis, esters and kerosene should be avoided. Silicon has excellent resistance to heat up to 190\*C intermittent. It remains flexible at low temperature of (-50)\*C and it is also resistant to UV light,Ozone and Weathering. Exhibits low inflammability and low smoke toxicity. It has good electrical insulation properties.

·Width available:1 Mtrs/1.2 Mtrs/1.4 Mtrs/1.5 Mtrs up to max.2 Mtrs.

·Length :From 10 Mtrs Rolls up to 25 Mtrs rolls.

·Thickness :1 mmThk to 50 mm Thk.

Further customization in polymer and sizes available.







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## **Electrical Insulated Rubber Matting**

Insulating Rubber Mats are especially to be used in front of switchboards and high voltage equipment. These long life mats are designed to protect operators from electrical shocks thus acting as personal protection equipment. We offer a range of insulating mats for almost any application. Safety from electrical shock is required for workmen whether they are involved in electricity generation, transmission, distribution or its use. Safety mats are highly recommended for total safety of workmen from electrical shock when working in or around environment like high Voltage Panels, Sub-Station, Power Transformer Rooms, Labs, Near Control Panels, Anti-Skid/Flooring etc.

IS 15652 of 2006. These long lasting, easy to install, clean and maintain mats are resistant to Oils, Acids, Alkalis and low temperature and are flame retardant as per the provisions of IS 15652:2006. The coloring agents used are free from any metallic derivatives as specified in IS 15652:2006. These mats are tested in our in-house most modern and updated quality assurance facilities ensuring complete safety and adherence to the specifications of each roll and are ready to use. Breakdown voltage is 40KV for 1 Min. Standard size of 1 Mtr x 2 Mtr. Custom sizes can be manufactured on request.

Thickness	Voltage System
2 mm	Up to 3.3 KV
2.5 mm	Up to 11 KV
3 mm	Up to 33 KV
3.5 mm	Up to 66 KV



## **Electrical Insulated Rubber Matting**

IS 5424 of 1969 Confirming to the IS 5424 of

1969 we manufacture these insulating mats in 2 kinds of surfaces-Lining ad Chequered. Manufactured in various thicknesses (6 mm to 25 mm) for different voltage systems. Although the new IS Standard (IS 15652) is the preferred choice, we still manufacture these sheets confirming to IS 5424 of 1969 as preferred by some customers.

Thickness	Voltage System
6,8 & 10 mm	Up to 11 KV
12,15 & 20 mm	Up to 22 KV
25 mm	Up to 33 KV





# **0-Rings**

The O-ring may be used in static applications or in dynamic applications where there is relative motion between the parts and the O-ring. Dynamic examples include rotating pump shafts and hydraulic cylinder pistons.

·O-rings are one of the most common seals used in machine design because they are inexpensive, easy to make, reliable and have simple mounting requirements. If you need metric o-rings in standard sizes and with specialty materials, durometers, and/or colors, We manufacture customized metric rubber o-rings to meet your application and performance requirements. "standard" o-ring you need, defined by inside diameter (ID) and cross section. & specify your material, hardness, and color you need and request a custom quote Has extensive o-ring manufacturing capabilities, including a comprehensive selection of sizes and elastomers to meet any sealing requirements. We can deliver the perfect metric o-rings for your specific application.

### **Custom Metric O-Rings for All Applications**

Shyam Rubber Industries can provide custom o-rings in a broad range of metric sizes and cross sections, with the material, durometer, and color your project requires. However, please note that not all combinations of these factors are possible—certain colors are not available in certain durometers, certain materials are not available in certain colors, etc. Send us the specifications for your o-rings and we will get back to you with a custom quote.

### **O-Ring Elastomer Options**

- •Nitrile (Buna N)
- Butyl
- Ethylene-propylene
- •PTFE
- •Silicone
- •Fluorocarbon (Viton)



## Rubber Washer

A Rubber Washers is defined as a thin disk made of rubber with a hole in the middle. The washer is normally used to support the weight of a threaded fastener. It is also used as a spacer, spring, wear pad, preload indicating device as well as locking device. Washers are made of various materials like metal, plastic, rubber. A common material is rubber. Rubber washers are used in taps or valves where they act as the seal that prevents or closes the flow of liquid or gas. All washers have an outer diameter (OD) about twice their inside diameter (ID). Rubber gaskets which are used in taps to stop the flow of water are also sometimes referred to as washers because they look similar. But, washers and gaskets are usually made differently and designed for different functions.

## **Types of Rubber Used in Washers.**

- ·Neoprene
- ·Styrene Butadiene Rubber (SBR)
- ·Ethylene Propylene Diene Monomer (EPDM)
- ·Silicone Rubber
- ·Nitrile Rubber (NBR)
- ·Fluoroelastomers (FKM)/Viton

### **Features of Rubber Washers.**

- ·Innate flexibility
- ·Pliability
- $\cdot$ Conformability
- ·Most rubber grades are as thin as 0.016" to 0.250" thickness
- ·It is also measured in terms of hardness (durometer) as soft as 30 and as hard as 90 duro
- ·Materials are also available as continuous rolls or cut-to-size.







## Rubber to Metal Bonded Products (Buffers)

We provides its customers with precision solution for metal to rubber bonded products which include rubber NVH Noise, Vibration, Harshness) product. Rubber Buffers, available in various shapes and sizes with stud or plate fixings, are widely used in cranes, moving machinery, end stops on structures, railways, automobiles and other engineering devices that have moving parts. Due to increasing change in modern production methods, there are constant demand for increasing working speeds and for ergonomic working environment, which have led to greater demands on existing buffer systems. A wide range of popular sizes, thicknesses and widths are available to suit most applications.

### **Typical Features.**

- ·It is engineered at the rubber and substrate level to create robust bonding.
- ·Designed products design possibilities.
- ·Unique products design possibilities.
- ·Bonding with any type of metal like M.S., S.S., Brass, Aluminium etc.

·Use of any polymer like SBR, Nitrile, Neoprene, EPDM, PU, Silicon, NBR depend

on application.

### **Uses of Rubber Buffers.**

- Energy absorption
- Travel limitation
- Elastic installation
- Soundproofing
- Damping isolation.







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## Rubber Bushes

Rubber Bushes consist of a rubber cylinder bonded on their outer and there are inner surfaces to rigid metal layers. Bushes are widely used as engineering components and designed to take up torsional movement, axial and radial load and conical deflection. There are various shapes of bushes which are available as standard items in the market while special requirements or sizes can be made to order.

There are various types of bushes and each of these types is active under different excitations and important for different NVH attributes:

### Type of Bushes.

There are various types of bushes and each of these types is active under different excitations and important for different NVH attributes:

- ·Simple bush
- ·Flanged bushes
- ·Laminated bushes
- ·Spherical bushes
- ·Suspension bush
- ·Torque arm bushes
- ·Conical bushes etc.



### **Features**

These bushes are usually designed to accommodate torsional movements and axial and radial loads. The rubber is prestressed to give the maximum durability and dynamic strength. The full movement is taken up by the bonded rubber Lubrication or other bearing maintenance are usually not required The rubber bush has excellent sound and vibration isolation characteristics Using these bushes improve friction, wear and noise, and isolate high frequency vibrations.

## **Rubber Cords**

Rubber cords are in demand for exacting commercial and industrial applications. No longer are Rubber Cords used only in applications where flexibility is needed. Today typical applications require rubber cord to perform well in applications with environments of extreme heat and cold, where resistance to oil, chemicals and abrasion is mandatory.

### Types of Rubber Used in making cords.

- ·Nitrile Rubber (NBR)
- ·VITON
- ·Ethylene Propylene Diene Monomer (EPM, EPDM)
- ·Silicone Rubber
- ·Neoprene Rubber



### Some Common properties of rubber cords are as follows.

- ·Available in various Hardness (Durometer, Shore A: 20 to 80).
- ·Various colors are available. Natural or any color (translucent or opaque).
- ·Should avoid prolonged exposure.
- ·Low compression set requirements.
- ·Good resistance to oil.
- ·Good chemical resistance and resistance to alcohols and benzene.
- ·However not suitable for contact with acetone.
- ·Good ozone and weather resistant properties.
- ·Electrically conductive material.
- ·Low temperature grade suitable for use at -40 degree.

### **Applications**

- ·High temperature sealing applications.
- ·Can be joined to o-rings.
- ·Food and medical equipment, machinery, transportation.





## **Other Products**

We manufacture -

Rubber Products from Natural, Neoprene

Nitrile,

HNBR,

SBR

Silicon

Viton

Polyurethane,

Hypelon

Butyl

Polyacrylic

Ethylene Propylene Diene Monomer (EPDM), etc.

Thermoset Polymers.

We also manufacture products from

Thermoplastic Elastomers like PTFE.Nylon,ABS,Peek,FRP,Acrylic

& various other grades.





















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