



Bhoomi Rubber Processor

Manufacturers of Industrial & Textile Rubber Products



www.bhoomirubber.com

Bhoomi Rubber Processor is a family run business founded in 1974. The company is today managed by second generation family members. Mr. Ravi Singh and Mr. Dhamendra. The company was started in a with small unit and now has two different units, one as registered office and other for major manufacturing. Our products have won worldwide acclaim for their quality and performance in diverse industrial applications. Our engineers are capable of fulfilling varied and unique custom rubber molding requirements of various industries.

We have been catering to the varying needs and requirements of our customers from different industries. We use superior quality raw materials to manufacture products that are made to work under most rugged condition. All the materials are lab tested in advance, before being moulded.

Gaskets

Features:

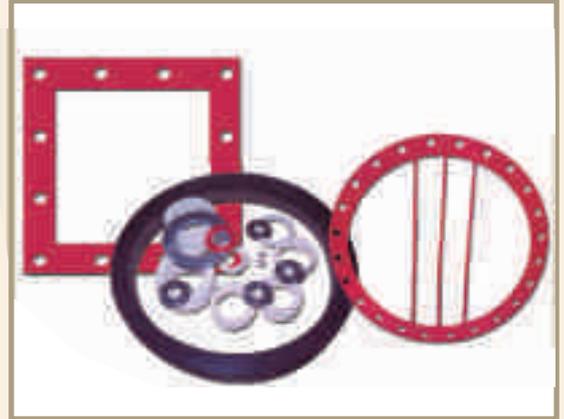
- Available in world standards like ANSI-B16.5 / DN / PN etc.
- Available in, 150#, 300#, 600# & BS std. (Table D & E).
- Wide range readily available in Ring Type & Full Face Gaskets.
- Round, Square & oval shapes are standard designs.
- Customization is possible.
- Single piece mould up to 1000mm.

Size Range: Round : 10mm ID to 3000mm ID
Square : 100mm X 100mm to 3000mm X 3000mm

Thickness : 2mm to 12mm

Width : Minimum 3mm to Maximum 300mm

Materials : Viton, Silicon, Neoprene, Nitrile, EPDM, Butyl, Hypalon, PU, Natural etc.



Rubber Bush

Features:

- Available as per your sizes.
- Wide range readily available.
- Round, Square shapes are standard designs.
- Customization is possible.
- Single piece mould up to 600mm.

Size Range : 6mm ID to 1000mm ID

Thickness / Height : 12mm to 100mm

Width : 3mm to 100mm

Materials : Viton, Silicon, Neoprene, Nitrile, EPDM, Butyl, Hybolon, PU, Natural etc..



Metal Inserted / Metal Bonded Gaskets

Features:

- Full Face available in world standards like ANSI / B16.5 / DN & PN.
- Ring type metal inserted gaskets are available.

Metal inserts : S.S. 316 / 304 / 202 , C.S., M.S.

Outer Metal (In Metal bonded) : S.S. 316 / 304 / 202 , C.S., M.S.,

Size Range : ½" ID to 42" ID

Thickness : 2mm to 12mm

Width : As per standards

Materials : Viton, Silicon, Neoprene, Nitrile, EPDM, Butyl, Hybolon, PU, Natural etc.



Silicon Tubings / Sleeves

Made from Medical grade Silicone Rubber which complies with:-

- Temperature resistant from -80°C to 250°C (-110°F to 480°F).
- Non reactive to body tissue and fluid.
- Non-adherence to tissue.
- Unaffected by most waster soluble materials.
- Sterilisable by steam, dry heat, ethylene oxide (ET)) and gamma radiation.
- Resists oxidation, ozone and radiation.
- Indefinite shelf life.
- Does not support bacterial growth.

Size Range : 0.3mm ID to 98mm ID

Thickness : 0.3mm to 16mm (Custom size will be provided)

Materials : Food grade Silicon or as required

Available Colours : Transparent / Red / Orange / Blue and White etc.



Industrial Hoses

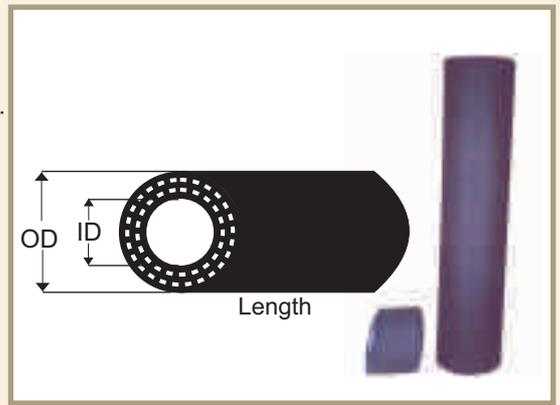
Features:

- General Purpose Rubber water Hose Conforming to IS; 444 / 87 Type 1, 2 & 3A.
- Water Suction & Discharge Hose as Per IS 3549 / 83.
- Rubber Air Hose Conforming to IS : 446 /87 Type - 1.
- Rubber Hose for Welding Conforming to IS : 7654 / 80.
- Rubber Hose for sand Blasting Conforming to IS : 5894 / 80.
- Oil Suction & Discharge Hose Conforming to IS : 8189 / 76.
- Heat Resistant Carbon Free Non Conductive Hose.
- Brewery / Food Quality Hose BS : 5118.
- Air Duct Hose.

Size Range : ¼" to 3" ID (long : Max 25m)

Thickness : 3.5mm to 6mm

Materials : Food grade Silicon, Neoprene, Nitrile, EPDM, Natural etc.



'O' Rings

Features :

- Wide range readily available.
- Single piece mould up to 600mm.
- With special process up to 6000mm ID in One Piece.
- Excellent Finish & Cured final Product.

Size Range : 1mm ID to 6000mm ID

Thickness : 2mm to 25mm

Materials : Viton, Silicon, Neoprene, Nitrile, EPDM, Butyl, PU, Natural etc.



Oil Seals / 'U' Seals / 'V' Seals

Features :

- Wide range readily available.
- Single piece mould up to 600 mm.
- Wide range of cross sections are available.
- Customization is possible.
- Excellent Finish & Cured final Product.

Size Range : 6mm ID to 600mm ID

Thickness : 6 mm to 25 mm

Materials : Viton, Silicon, Neoprene, Nitrile, EPDM, Butyl, PU, Natural etc.



Diaphragms

Features :

- Wide range readily available.
- Single piece mould up to 600 mm.
- Wide range of cross sections are available.
- Customization is possible.
- Diaphragms are available with canvas or nylon insert.
- Excellent Finish & Cured final Product.

Size Range : ½" to 24"

Thickness : 2mm to 5mm

Materials : Neoprene, Nitrile, EPDM and Natural etc.



Extruded Products

Features :

- Wide range readily available.
- Wide range of cross sections are available.
- Customization is possible.
- Excellent Finish & Cured final Product.

Size Range : 1mm to 100mm cross sections (Max 25m long)

Materials : Viton, Silicon, PU, Neoprene, Nitrile, EPDM, Natural in Solid & Sponge Rubber etc.



Rubber Sheets Electrical Mats

Features :

- Viton / Silicon / EPDM Rubber Sheet (Heat Resistant)
- Commercial quality Rubber Sheet & Rubber Skirt.
- Anti-Vibration Sheet.
- Synthetic / Nitrile Neoprene Rubber Sheet.
- Insertion Rubber sheet as per IS 638 / 79.
- Electrical Mats as per IS 5424 / 69
- Rubber Sheet as per IS 5192 / 75.
- Steam Quality Rubber Sheet.
- Stand / Short Blasting Sheet.
- Sponge Rubber Sheet.

Size Range : 1' X 1' to 4' X 30'
Sponge Rubber sheet 1' X 1' to 2' X 3'

Materials : Viton, Silicon, PU, Neoprene, Nitrile, EPDM, Natural etc.



PTFE Range (Teflon Range)



Range : Teflon Envelop Gaskets, Ring Type & Full Face Gaskets, 'O' ring, 'V' Ring, Rod, Tube, Bush, Sheets and moulded Products Etc.

Expansion Bellows



Size Range : 1" NB to 72" NB

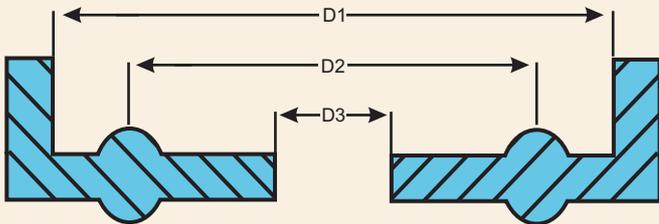
Applications : Thermal Expansion, Contraction, Vibrations, Dusting etc.

Materials : Neoprene, Nitrile, EPDM, Natural etc.

Silicone Triclover Gaskets (TC Gasket)

Features:

- Bhoomi Triclover Gaskets manufactured from Food / Medical Grade 100% Silicone Rubber.
- Confirms to FDA21CFR 177 - 2600 & USP class VI requirements.
- Test Certificate are available of Govt. recognized lab for Food Grade MOC.)
- Shore Hardness 70 + 5 Shore as per customers requirements.
- Readily available with collar (for better grip) and also without collar.
- Available in Red / White / Transparent Silicone Rubber.



Size	D1	D2	D3
0.5"	25.4	17.7	10.5
0.75"	34	27	16
1"	50	43.5	22.5
1.5"	50.5	43.5	35.8
2"	63.5	56.5	48.5
2.5"	77	69.5	60
3"	91.3	83.5	72.5
4"	Contact: sales@bhoomirubber.com		
6"	Contact: sales@bhoomirubber.com		

Material Selection Chart

Polymer	Natural	EPDM	Neo prene (CR)	Nitrile	MQ Silicone	Viton FKM	Hypalon CSM	SBR
International	AA	DA/CA	BC/BE	BE/BG/BK	FC/FE/GE	HK	CE	AA/BA
Max Int Temp (c)	105°c	150°c	125°c	130°c	300°c	300°c	160°c	115°c
Max Cont Temp(c)	75°c	130°c	95°c	100°c	205°c	205°c	130°c	85°c
Lowest Temp (c)	-60°c	-50°c	-35°c	-20°c	-60°c-80°c	-20°c	-25°c	-55°c
Oil Resistant	No	No	Yes	Yes	Yes	Yes	Yes	No
Weather Resistant	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Hardness Range (shore A)	30-95	30-95	30-85	30-90	40-100	50-80	42-35	40-90

Note: Teflon & viton are registered trademark of M/s Dupont (U.S)



Bhoomi Rubber Processor

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