

BIG THINKING...

GREAT ACHIEVEMENT!



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Manufacture of Industrial Rubber Products & All Rubber Precision Item
Specialist in Butyl Sealant & Adhesive Rubber Strip



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What we offer?

We offer a wide and comprehensive variety of:-

- **Molded rubber products**
- **Extruded rubber products**
- **Butyl sealant tape**
- **Rubber metal bonded items**
- **Designing elastomers compounds to meet a wide rang of requirements which the customer or ultimate consumer may specify.**
- **Designing and developing new product as per the working condition, and end use of the product.**



Quality

“Best Quality Product” is our Motto. We never compromise on quality and therefore, maintain it throughout our business operation. We follow strict quality control measures to check our range of products. We continuously monitor each aspect of our production and look into our consignments for testing on various parameters like quality, shape, designs, strength and durability.

Over the years we as a company have impressed people across the globe by way of rendering quality products to our customers. This fact is well evident when we have a look at our list of clientele that is spread across the globe. We have always maintained superior standards and thus have been recommended by many.



Infrastructure

We take pride in announcing that we possess a State-of-the-art infrastructure, that spreads across an integrated area of 2500 Sp. Feet. The infrastructure possess all type of manufacturing facilities that are required to manufacture extruded and molded rubber parts, right from Drawing to the finish parts.

- **Well equipped tool room**
- **Mixing department**
- **Molding department**
- **Extrusion Department**
- **Lab & dispatch department.**



Application Area

The different field wherein our products are extensively used are highlighted below.

- **Pharmaceutical**
- **Engineering Industries**
- **Automobiles**
- **Textile**
- **Electrical & Electronics**
- **Mechanical Industries**
- **Pre-engineering construction**



Butyl Sealant Tape

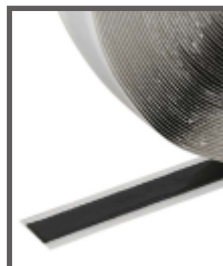


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Technical Details

Test (Condition)	Test Method	Observed Value
Specific Gravity	IS 3400 (IX)	1.40-1.50
Total Solid content	AS 163:64	99.53
UV Test (50°c /Distance 12 inch/24 hrs)	ASTM D 1148	No changes observed
Visual Observation (Sag Test @ 4.4°c / 4hrs)	ASTM C639	No Sag Observed
Visual Observation (Sag Test @ 50°c / 4 hrs)	ASTM 639	No Sag observed
Visual Observation (@15°c/ 24 hrs)	-----	No changes Observed
Visual Observation (@ 135°c / 1 hrs)	-----	Loss of Tackiness & Blister formation observed on Surface
Service Temperature	15 degree celsius To 110 degree celsius	OK
Weather ability	No discoloration Cracking, Adhesion Loss	OK



Standard Color



Black



Grey



As per Customer Requirement

Product Description

Butyl sealant tape is a pressure sensitive sealing tape. It is non vulcanizing and also vulcanizing type

Field of Application

- Use in flexible assemblies (Roofing, Construction)
- Automotive industries (Excellent insulation to outside temperature, sound, vibration)
- Refrigeration, Telecommunication, Railways, engineering ect.



Instruction for Use

The surface must be clean dry and free of dust

Standard Packaging

- Available as a rectangular cross section or a round diameter
- Thick 2 mm to 10 mm
- Width 4 mm to 50 mm
- Standard liner : siliconized paper

Self Life - Storage

- 6 months, in original unopened packaging and protection from humidity.
- Store in a well ventilated room.



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Butyl Sealing Strip



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Product

Lazer Butyl Strip is a self-adhesive sealing tape made of a butyl rubber compound, this products is a high quality sealing tape.

Lazer Butyl Strip is highly adhesive to all materials and especially to plastic, glass, steel, polycarbonate, wood and bitumen as well.

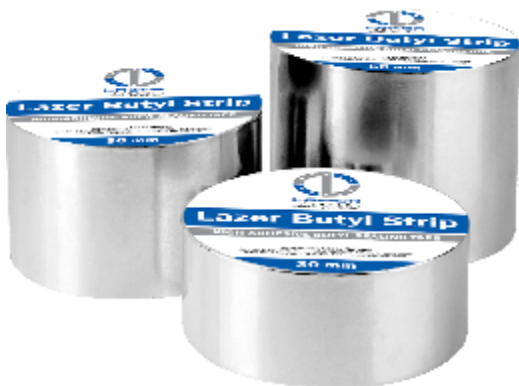
Lazer Butyl Strip is self-protected by a metal film in aluminium, making it highly resistant to ageing and oxidizing caused by atmospheric and chemical agents.

Characteristics

- Cold Applid
- Waterproof and Self-sealing
- Excellent adhesive properties at low temperatures
- Excellent heat stability
- No fowing under heat
- No Oil Migration
- Resistant to tear, ageing and UV-rays
- Solvents Free

Uses

Sealing and joining materials such as glass, steel, plexiglas, polycarbonate, aluminium, PVC and most other common bulding materials.



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Tri-Clover Gasket

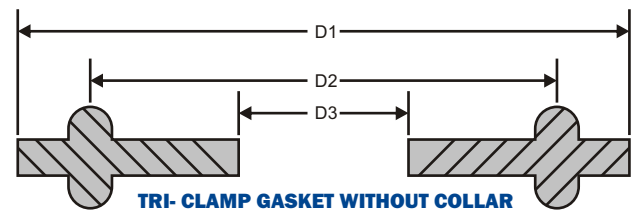
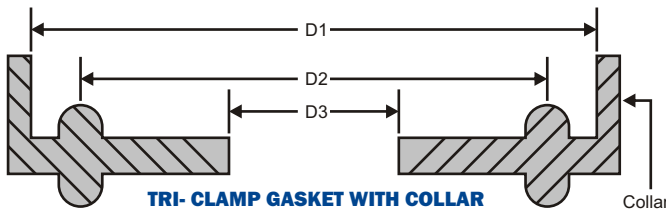


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Tri-Clover Gasket in : • **Silicon** • **Viton** • **EPDM** • **Neoprene** • **Nitrile Rubber**

- Manufacturing from FDA approved silicone Rubber.
(100% Pure silicone Transparent, semi transparent rubber)
- Shore 70 +/- 5 hardness or as per the customers requirements.
- Tri-clip gaskets are available with collar for better grip and also without collar.
- Available in Red/ Orange/ White & Transparent colours.



Size	D1	D2	D3
½"	24.5	20.5	10.8
¾"	34	27	11.3/18.3
1"	49.5	42.5	22.8
1 ½"	50	43	35
2"	63	56	48
2 ½"	76.5/89.5	70/82.5	60/65
3"	90	82.5	72
4"	119/116.5	110/109	100/97
5	155	140	124.8
6	166.3	158	152
8	119/116.5	110/109	100/97
10	119/116.5	110/109	100/97

Size	D1	D2	D3
½"	24.5	20.5	10.8
¾"	34	27	11.3/18.3
1"	49.5	42.5	22.8
1 ½"	49.5	38.3	30
2"	62.6	56.3	47.8
2 ½"	76.5/89.5	70/82.5	60/65
3"	90	82.5	72
4"	119/116.5	110/109	100/97
5	155	140	124.8
6	166.3	158	152
8	119/116.5	110/109	100/97
10	119/116.5	110/109	100/97



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*Size are available as per Customer Requirement



'O' Ring



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An 'O' Ring also known as a packing. It is a loop of elastomer with a round cross-section, designed to be seated in a groove and compressed during assembly between two or more parts, creating a seal at the interface.

The 'O' Ring may be used in static applications or dynamic application where there is relative motion between the parts and the o-ring.

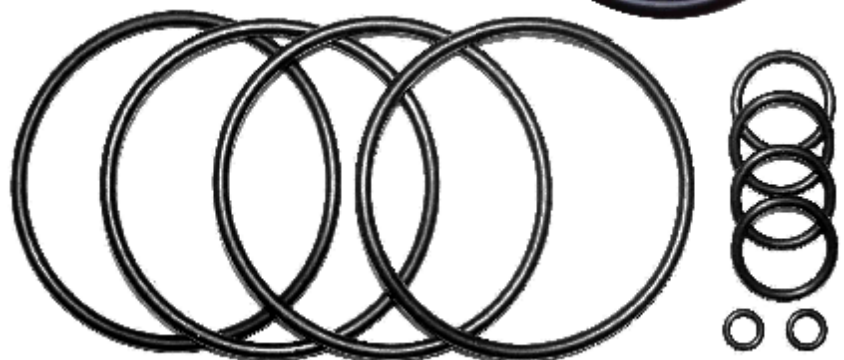
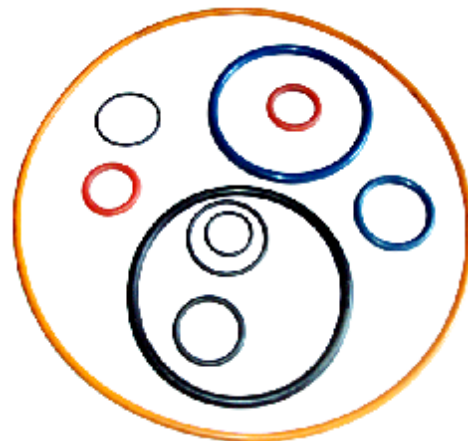
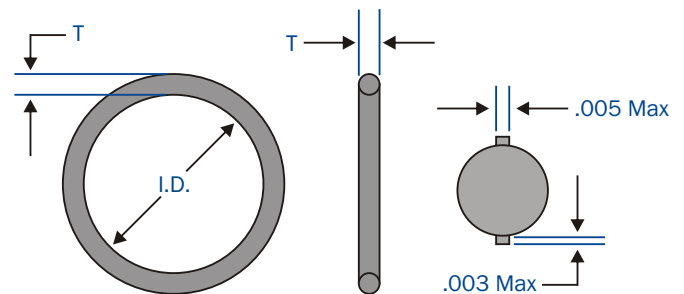
Dynamic examples include rotating pump and hydraulic Cylinder pistons & etc.

'O' Ring are one of the most common seals used in machine design because they are inexpensive to make, reliable, and have simple mounting requirements. They can seal tens of megapascals (thousand of psi) of pressure.

'O' Ring are available in various metric and inch standard sizes.

'O' Ring selection is based on chemical compatibility; application temperature, seating pressure, lubrication requirement, size and cost.

We are manufacturing 'O' Ring from synthetic & Natural. Also we make 'O' Ring as per the customer specification, Drawing & Requirements.



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Rubber Gaskets



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LAZER RUBBER manufactures a various types of rubber gaskets. Rubber is the most cost effective material to use where temperature and pressures are low and the chemical environment is mild. Rubber Gasket fills the space between two objects, generally to prevent leakage between the two objects while under compression.

Rubber gasket can also have a reinforcing fabric material to provide higher strength. They can contain one or more plies of the material which is made of several fibers, typically nylon, cotton, etc.

Common Rubber Gasket Materials

Natural (NR):-	Excellent Physical Properties, Low temperature resistance, Poor resistance to petroleum based fluids.
Urethane (PU):-	Good aging and excellent abrasion, tear, and solvent resistance. Poor high temperature properties.
Neoprene (CR):-	Good weathering resistance, Flame retarding, moderate resistance to petroleum-based fluids, Good physical properties.
Nitrile (NBR):-	Excellent resistance to petroleum-based fluids. Good physical properties.
Butyl (IIR):-	Very good weathering resistance, Excellent dielectric properties. Low permeability to air, Good physical properties, Poor resistance to petroleum-based fluids.
EPDM:-	Excellent Ozone, Chemical, and aging resistance, Poor resistance to petroleum-based fluids.
Styrene Butadiene:-	Excellent abrasion resistance and low temperature properties, High resilience.
Silicone:-	Excellent high and low temperature properties. Fair physical properties.
Hypalon:-	Excellent Ozone, weathering, and acid resistance, Good abrasion and heat resistance, Fair resistance to petroleum based fluids.
Viton :-	Excellent oil and air resistance both low and high temperatures, Very good chemical resistance.



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Rubber Moulded Components



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We are known as one of the best Rubber Moulded Component Company in India. We manufacture Our Rubber Components with the help of Best Engineer. Our products know for quality and performance. Coustomers satisfaction is on our soul that's why we works according the customers demands.

As an industry-leading manufacturer of moulded rubber components, we pride ourselves on our pro-active and innovative approach to problem solving. We supply both generic and special rubber components to many industries.

We supply Rubber Moulded Component in SBR, EPDM rubber, chloroprene rubber, silicone rubber, Viton, NR, NBR, PU, Butyl, etc

Polymer Comparision Chart

Properties	Natural (NR)	Nitrile (NBR)	Neoprene (CR)	Hypalon (CSP)	Butyl (IIR)	EPDM	Silicone	Viton
Hardness Range (Durometer A)	30-90	20-95	30-95	40-95	35-85	40-90	25-85	55-95
Tensile Strength (PSI)	3000	3500	3000	2500	2000	3000	1100	1800
Specific gravity (Base Material)	0.93	1.00	1.23	1.12-1.20	0.92	0.86	0.98	1.85
Vulcanizing Properties	E	E	E	E	F	E	E	G
Adhesion to metals	E	E	E	E	F	E	F	G
Adhesion to Fabrics	E	E	E	G	F	G	F	E
Tear Resistance	G	F	G	F	G	G	P	F
Abrasion Resistance	E	E	E	E	G	E	P	G
Compression Set	G	G	G	F	F	G	G	G
Electrical Insulation	G	P	G	G	E	E	E	G
Acid Resistance - Dilute	G	G	E	E	E	E	G	E
Acid Resistance - Conc.	G	G	G	G	G	E	P	E
Continuous Service Temp. °c	85	100	125	135	110	150	210	255

P - POOR
F - FAIR
G - GOOD
E - EXCELLENT
O - OUTSTANDING



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Rubber Mounting

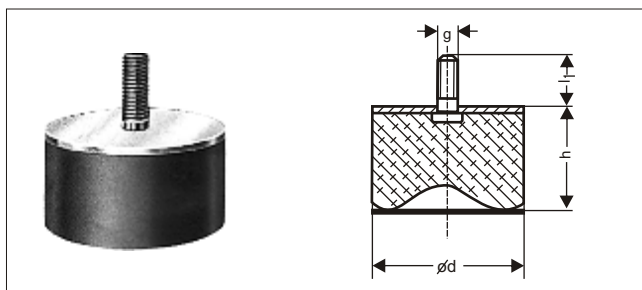
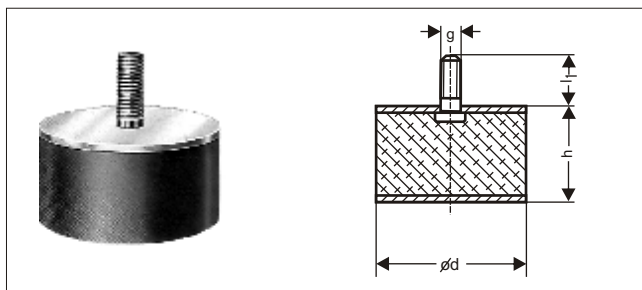
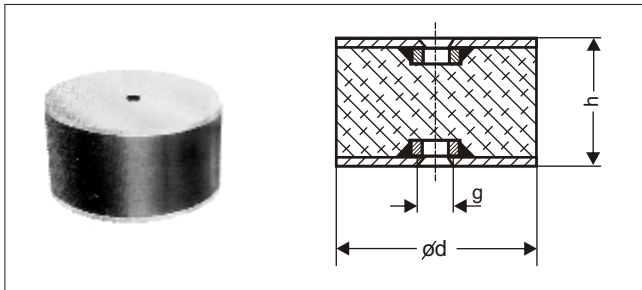
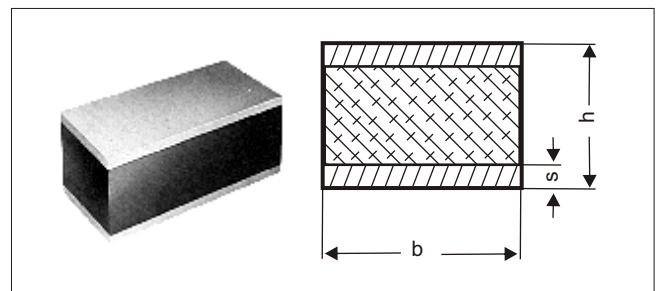
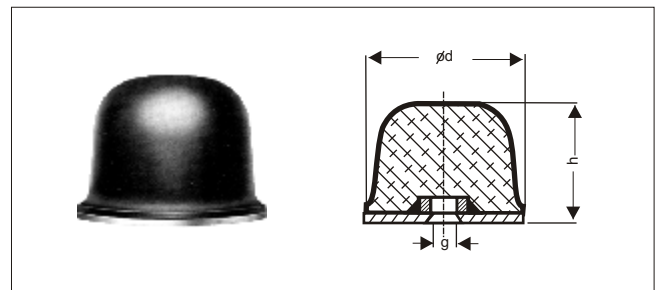
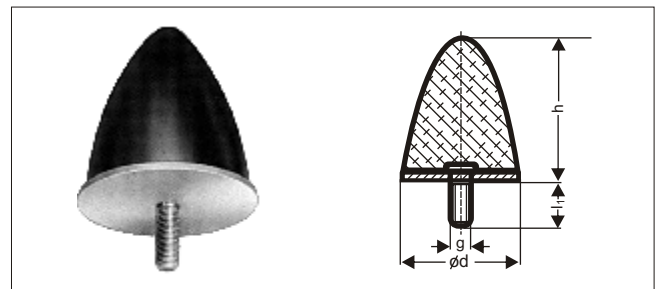
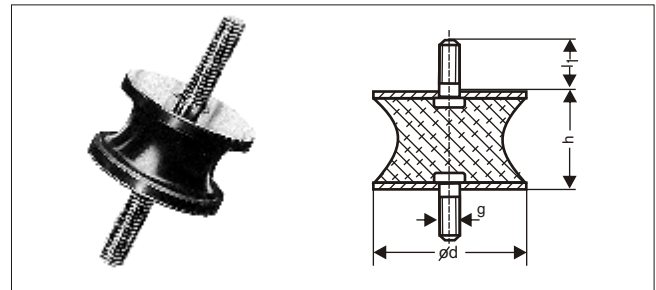
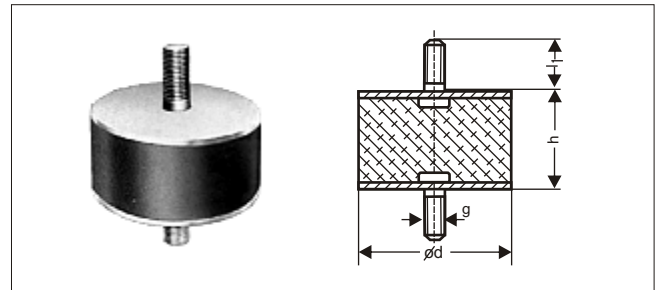


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A Rubber Mounting is a type of Vibration isolator. It provides an interface between two parts, damping the energy transmitted through the bushing. A common application is in Machine Manufacture, Engineering Industries, Automobile industries.

We manufacture Rubber Mounting in Natural Rubber & Synthetic Rubber. A rubber mounting may also be described as a flexible mounting or antivibration mounting.

The main advantage of a mounting, as compared to a solid connection, is less noise and vibration are transmitted. Another advantage is that they require little to no lubrication.



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Rubber Roller & Rubber Wheel



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There are numerous functional requirements of Rubber rollers & Rubber Wheel in the flexible packaging industry viz. – printing, pulling, laminating, nipping, squeezing, feeding and conducting etc.

In almost all of these applications, a uniform pressure zone – “NIP” – is required at the point of contact of two rollers. We keep this in mind while formulating rubber compositions – with a view that roll coverings do not degrade with use and are stable to ensure a uniform nip region. The rubber polymer selection and a host of ingredients that go with it ensure that the physical properties of rubber covers do not change appreciably in its dynamic state.

We are manufacturing various type of Rubber roller and rubber wheels in NBR, NR, Ebonite Rubber, Silicone, PU, EPDM, etc.



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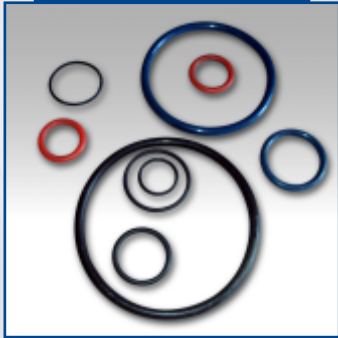
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Products

O Ring



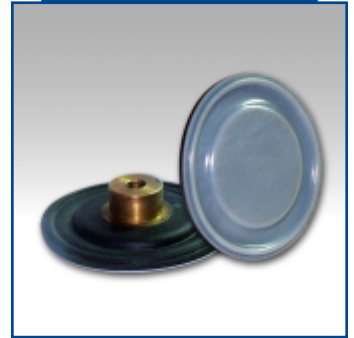
Butyl Sealant



Diaphragm



Teflon Diaphragm



Rubber Gasket



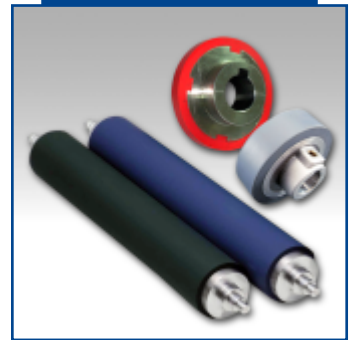
TC Gasket



Bellow



Roller & Wheel



Metal Bonded Item



Mounting



Cylinder Seal



Grommet



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Who We Are...

Established in the year 2006, we "LAZER RUBBER" are one of the prominent manufacturers, suppliers of various range of Quality Custom Rubber Products, Extruded Rubber Products, Molded rubber products that have a wide application area. We have extensive knowledge and understanding about the rubber market and thus are able to manufacture goods that are very much required in the market.

Today the company holds a strong customer's base and enjoys a high reputation among the major industries. Our company is committed to deliver quality service to our customers.



DIES



MIXING MILL



TOOL ROOM



QUALITY INSPECTION



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