



RUBBER EXPANSION JOINT

RuGaVAL

RUGAVAL RUBBER SDN. BHD.



Rubber Sheetting



Rubber Molded



Rubber Extrusion

Product Range



RUBBER FLEXIBLE & EXPANSION JOINTS



- TU Series-Twin Sphere Union Screw End

Twin Sphere Union incorporates a double bellow design that provides maximum flexibility, with minimal face to face dimension. The connectors come with the screw end design, purpose is for easier to installation and suitable to small systems design. For compatibility with system requirements, the product design for maximum 16 bars for common design and also for custom design for use in higher pressures.

Available Size: 15mm – 80mm (1/2" – 3")



- TS Series-Single Sphere Flanged End

Single Bellow designed for use in short space of distant for pipe joints. A connectors design for use maximum pressure of 16 bars, with all conditions are in spec requirements (for spec details, please refer to our Rubber Flexible & Expansion Joint's catalogue). The main purpose to used the connectors is for expansion, sound & vibration absorption. The connectors design also known as most economical design.

Available Size: 25mm – 600mm (1" – 24")



- TT Series-Twin Sphere Flanged End

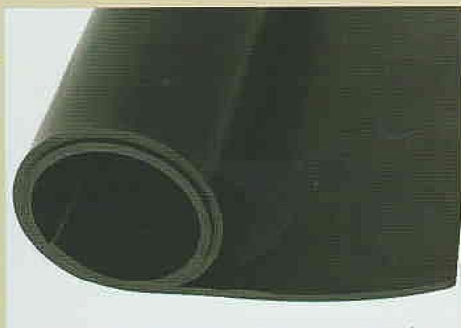
Twin Sphere Flanged End incorporates a double bellow design with flanged end connection. It provides maximum flexibility, vibration and sound absorption. The connectors design is most applicable and quality performance to the systems. The connectors suitable to use in high pressure and big dimension of piping system.

Available Size: 32mm – 600mm (1-1/4" – 24")



RUBBER SHETING

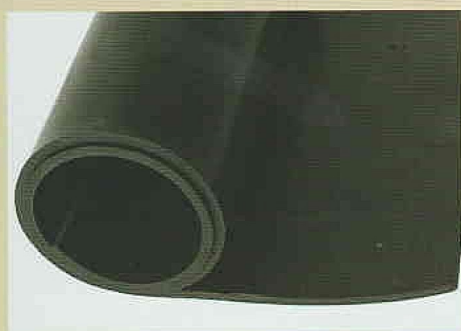
RUGAVAL RUBBER SDN. BHD. are specializing in various kinds of rubber sheeting, such as Rough surface Rubber Sheet, Neoprene Sheet, Nitrile Sheet (NBR), EPDM Sheet, Silicone Sheet and Viton Sheet.



- Rubber Sheet (Rough Surface)

This material has excellent physical properties so is ideal for using as a seal, gasket, hatches, doors, and surface protections. It has excellent abrasion resistance, but it is not resistant to oils. It is known as most economical type compare to other materials. Hardness range from 60° to 70° shore.

Available Size: 1mm to 50mm Thickness

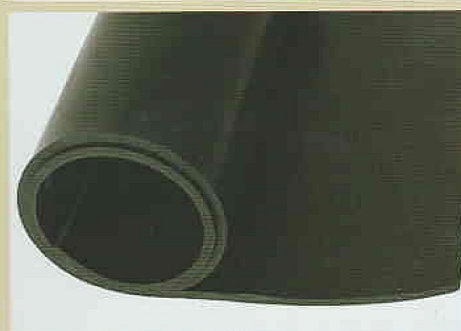


- Neoprene Sheet (CR)

For general purpose gaskets and seals. Good UV resistance and moderate resistance to oils and chemicals.

Commercial grade 60° to 70° shore.

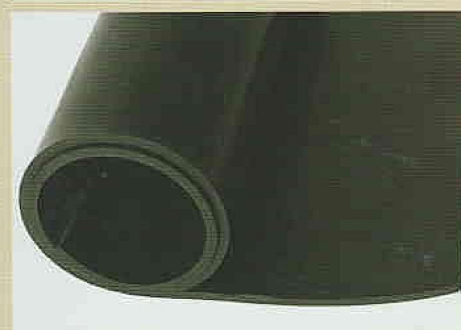
Available Size: 1mm - 50mm Thickness



- Nitrile Sheet (NBR)

Have a good properties of oil resistance, abrasive resistance, and weather aging. Mainly used in an oil / fuel environment as it has excellent resistance. Commercial grade 60° to 70° shore.

Available Size: 1mm - 50mm Thickness



- Neoprene Sheet with Insertion

A Natural Rubber or Neoprene material with an insertion layer sandwiched in the middle of it to give it strength, which helps prevent it tearing.

Available Size: 2mm – 50mm Thickness



- EPDM Sheet

This material has excellent resistance to UV, so is suitable for many outdoor applications. It also very suitable for high temperature used. Commercial grade 60° to 70° shore.

Available Size: 1mm – 50mm Thickness



- Silicone Sheet

Silicone rubber has is a very versatile material by the mere fact that the temperature range is more extreme than other synthetics rubber. The silicone rubber is inert, very flexible and can be used in medical and FDA environments. In addition to temperature, silicone rubber has superior resistance to water and makes an excellent electrical insulator.

Available Size: 1mm – 15mm Thickness



- Viton Sheet (Fluoroelastomer)

The King of Rubber Sheet - VITON. Viton is the most specified fluoroelastomer, well known for its excellent (400°F / 200°C) heat resistance. Viton offers excellent resistance to aggressive fuels and chemicals.

Available Size: 1mm – 15mm Thickness



- White Sheet (Food Grade Rubber Sheet)

Food Grade rubber sheet are widely used in a variety of food and medical industries.

Available Size: 1mm – 20mm Thickness



- Round Stud Mat (Airport Mat)

Available Size: 3mm – 6mm Thickness



- Checker Rubber Sheet

Available Size: 3mm – 6mm Thickness



- Antistatic Rubber Sheet

Perform anti-static electricity function, apply to place on the table and ground or be as the precise instrument.

Available Size: 2mm – 8mm Thickness

All of the above materials are available in either full roll, cut lengths, strip or gaskets. Details and prices are available on application.



- Willow Mat

Available Size: 3mm – 6mm Thickness



- Fine Ribbed Mat

Available Size: 3mm – 6mm Thickness



- Latex Sheet

Be widely used in wear-resistant equipments and do as the lining to resist the damage from the mixtures of cement and line.

Available Size: 1mm – 20mm Thickness



- Rubber Floor Brick

- * Security: flexibility, reduce the human impact of unintentional injuries on the ground.
- * Aesthetics: the colorful products bring people a nice world.
- * Easy disassembly: free spin-off portfolio.
- * Environmental protection: through National Center for Quality Supervision, Inspection Carpet environmental testing.

Size: 19mm x 395 mmx 395mm, also special size can be customized.



- Sound insulation damping mat

- * It is widely used in gym and wooden floor below.
- * Security: flexibility, reduce the human impact of unintentional injuries on the ground.
- * Sound insulation and protecting the wooden floor.

Size: 3-12mm x 1.22m x 1.8-20m



MOLDED RUBBER

RUGAVAL RUBBER SDN. BHD. also specializing in the development and selling of various molded, extrusion, rubber lining, rubber roller recoating to the material of rubber and polyurethane. Products such as Bushings, Coupling Elements, Seal, Gasket, Fender, belt for rubber coating, floor mat, vibration pad and etc.



- Rubber Bushing

A rubber bushing is a type of vibration isolator. It provides an interface between two parts, damping the energy transmitted through the bushing and it provides protection to the two parts in hard surface to avoid abrasion. A common application is in vehicle suspension systems, where a bushing made of rubber separates the faces of two metal objects while allowing a certain amount of movement.

Available Size: Coupling Bush -124, 132, 118, 120, 122, 144. We welcome all custom made size.

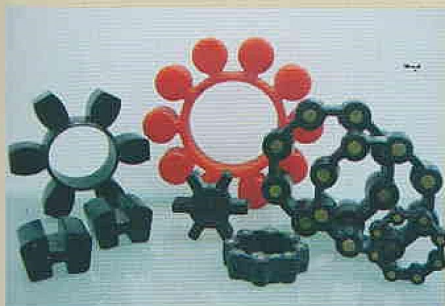


- Rubber Coupling Element

Rubber Coupling used to transmit rotational torque between the drive shaft and the companion flange on mechanical devices. Such as industrial machine, the rubber coupling is designed to allow some angular misalignment while reducing drive line vibration in mechanical power transmission applications.

Available Types: MH Coupling, Flender Coupling (H-Shaped),

Love-Joy Coupling, HRC Coupling, Rotex Coupling and etc. We welcome all custom made coupling.



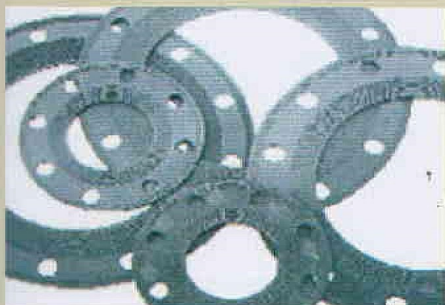
- Rubber Gasket

At **RUGAVAL RUBBER SDN. BHD.**, one of our primary manufacturing activities is molded Gasket. We have a large stock of gasket on hand, provides with different standard, such as Table E, PN16, JIS 10K, ANSI 150 and JIS 5K. For compatibility to the market, we have materials for commercial grade and EPDM. When the dimensions exceed the existing mold, we will do fabricating gasket from rubber sheet. When the dimensions exceed the material width, the gasket is made up in sections and jointed together using an adhesive compatible with the type of rubber and suitable for the gasket.

Available Size: 50mm – 600mm (Molded)

700mm – 1,200mm (Fabrication)

Above 1,200mm (Fabricate and Joint)



- Floor Mat & Rubber Studded Mat

Floor matting products can be an important safety features to your workplace, factory, home or business areas, helping to prevent slips and falls. RUGAVAL's safety mat products are designed for a variety of demanding situations, from providing a slip-resistant surface in wet and hazardous areas, such as rounding, diamond. Manufactured from natural / synthetic rubber to protect surfaces. Its suitable for heavy-duty indoor use, can be either loose laid or bonded to the floor.

Available Size: 4.5mm thick,

Loose size: 600mm X 600mm

Roll Size: 1.2mtr X 10mtrs



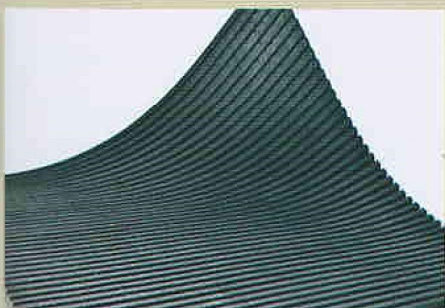
- Rubber Vibration Pad

RUGAVAL RUBBER SDN. BHD. manufactures and stocks many sizes of rubber pads. Rubber pads are primarily used in the vibration isolation industry. Many applications require a rubber membrane, thin or thick depending on the weight and amount of vibratory noise, physical and resonant. The composition of a rubber pad can range from a solid, synthetic closed cell rubber to a recycled rubber that is breathable. **RUGAVAL** has the variations and right solution for the rubber pad needed for your particular issue. Please call our knowledgeable sales staff and they will be able to assist you in finding the right solution for your rubber pad needs.

Available Size: 1) Thickness: 10mm, 15mm and 20mm

2) Width: Max. 300mm

3) Length: Max. 1,000mm





RUBBER EXTRUSIONS

We can extrude virtually any custom profile for your rubber extrusion application. We have worked on rubber extrusion projects for a wide variety of industries including palm-oil mill, quarry industry, food industry, disposal trucks, vibration machine, building, poultry, boiler, general industries and etc. For compatibility with system requirements, various materials are available, such as Neoprene, Nitrile, EPDM, Silicone, PVC, Sponge and etc.



CORNER GUARDS

RUGAVAL Corner Guards end corner damage! Rigid, yet flexible p.v.c.; cleans easily, permanent color, easy installation. Low cost, good looking protection for hotels / motels, offices, commercial kitchens, shower areas, and all public buildings, **RUGAVAL** Corner Guards have high impact resistance. The color is permanent and easily cleaned with standard cleaning materials. Easy installation, using nails, screws, or construction adhesive.

Available Size: 3" X 3" X 1 MTR



RUBBER SPEED BUMPER & WHEEL STOPPER

Available Size:

- 305mm X 50mm X 1,000mm
- 305mm X 35mm X 1,000mm
- 415mm X 55mm X 1,000mm
- 380mm X 45mm X 1,000mm



RUBBER & PU ROLLER RECOATING

RUGAVAL has the capabilities to design and produce the highest quality Polyurethane and Rubber Roller for all types of industries who demands for such applications. Material available - NBR, HNBR, Silicone, EPDM, Butyl, Hypalon, SBR, Neoprene, HDPE, PU, and Natural Rubber. Our technically experienced Marketing personnel have the ability to assist you not only to solve your technical problems, but always there to share with you the way of cost effectiveness.



RUBBER LINING

Rubber lining is one of our specializations. Our company had accumulated rich experiences, reliability, and expertise for a wide range of Coating & Lining materials such as Butyl, Neoprene, Natural rubber, EPDM, HDPE, and Hard rubber lining. We have undertaken rubber lining projects for Oil & Gas industries, Water Treatment plants, Chemical Processing industries, Steel & Paper Mills and Power Station.



MOLDED AND EXTRUDED FENDERS

RUGAVAL has provided two types of fenders, it is extruded and molded. The process of extruding is simple and effective production method for smaller fenders. It allows sections to be made in very long lengths. Special shapes and colors of other extrusions can also be accommodated. They come in variety of sizes to suit a wide variety of general purpose applications. Common shaped is D-Shaped, Square and Round Shaped.

