



# **Gasket Man**

**Catalogue**



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## GASKET SELECTION

### GASKET SELECTION REQUIREMENTS

When selecting a gasket for your application, there are fundamentals to be considered, ensuring that the correct material is selected. This can save time, money, and most importantly lives in some cases.

We will require the following information to assist in a gasket material selection.

- Medium to be sealed
- Temperature of the medium
- Pressure of the system
- Flange rating
- RF or FF flanges

### GASKET SIZE SELECTION FOR HDPE (PE) PIPES

For gasket selection the metallic backing ring selection is significant in that the gasket nominal size (DN, NB or NPS) is actually based on this backing ring DN, NB or NPS and **NOT** on the pipe nominal size (DN) directly.

### MEASURING A GASKET FOR MANUFACTURE

**Flat faced (Full Face, or FF) gaskets are measured as follows:**

**The ID x OD x amount of holes x hole size x PCD and thickness is required.**

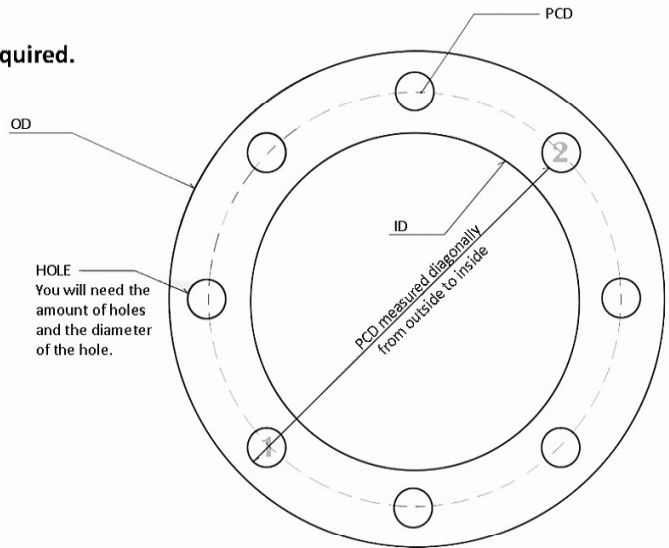
For accurate measurement of the PCD, it is recommended to measure from the outside of the hole (1 in the diagram) to the inside of the opposing hole (2 in the diagram).

The ID is measured across the diameter (INSIDE) of the gasket.  
 The OD is measured across the diameter (OUTSIDE) of the gasket.  
 The number of holes is to be counted, and the holes are measured diagonally across the inside of the hole only.  
 The thickness will need to be measured as well.

**Raised face (Ring, or RF) gaskets are measured as follows:**

**The ID, OD, and thickness will be required for ring gaskets.**

The ID is measured across the diameter (INSIDE) of the gasket.  
 The OD is measured across the diameter (OUTSIDE) of the gasket.  
 The thickness will need to be measured as well.



### Useful Conversions

**Inch to mm**  
 $\text{Inch}(\text{'}) * 25.4 = \text{mm}$

**Fahrenheit to Centigrade**  
 $(\text{°F} - 32) / 1.8 = \text{°C}$

**BAR to PSI**  
 $\text{BAR} * 14.5 = \text{PSI}$

**mm to Inch**  
 $\text{mm} / 25.4 = \text{Inch}(\text{'})$

**Centigrade to Fahrenheit**  
 $(\text{°C} * 1.8) + 32 = \text{°F}$

**PSI to BAR**  
 $\text{PSI} / 14.5 = \text{BAR}$

**NOTES** \_\_\_\_\_

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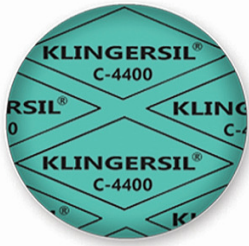
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## COMPRESSED NON-ASBESTOS FIBRE SHEETING



### KLINGERSIL C-4400

A high-quality non-asbestos grade sheet based on aramid fibres and a nitrile rubber binder.

- Green in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 400°C.
- Recommended Services: Oils, fuels, hydrocarbons, and internal combustion engines.
- Available with stainless steel mesh reinforcing.



### KLINGERSIL C-4401

A combination of synthetic fibres with a nitrile binder, giving the material excellent seal-ability.

- Green in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 400°C.
- Recommended Services: Resistant to oils, water, steam gases, salt solutions, fuels, alcohols, organic and inorganic acids, hydrocarbons, and refrigerants.



### KLINGERSIL C-4430

Premium quality sheet comprised of a combination of synthetic and glass fibres with a nitrile rubber binder.

- White in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 400°C.
- Recommended Services: Oils, fuels, hydrocarbons, etc, and fire safe.
- Available with stainless steel mesh reinforcing.



### KLINGERSIL C-4324

A medium grade material based on ceramic and glass fibres, suitable for general industrial applications.

- Green in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 350°C.
- Recommended Services: Oils, fuels, hydrocarbons, steam, and gas leak resistant.
- Available with stainless steel mesh reinforcing.



### KLINGERSIL C-8200

A specialised blend of fibres and hyperlon binder resulting in a material with excellent chemical resistance.

- White in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 200°C.
- Recommended Services: Most mineral acids, resistant to alkali, ketones, aldehyde, most refrigerants, oils, fuels, and hydrocarbons.



### KLINGERSIL C-4500

A top-quality carbon fibre with a nitrile rubber binder, provides a high-pressure gasket especially suited for high temperature alkaline, and super-heated steam applications.

- Grey in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 400°C.
- Recommended Services: Resistant to steam, alkali, oils, fuels, and hydrocarbons.
- Good load-bearing characteristics.
- Available with stainless steel mesh reinforcing.



## COMPRESSED NON-ASBESTOS FIBRE SHEETING CONTINUED...

### TOP-GRAPH 2000

A high-quality blend of expanded graphite and synthetic fibres, ideal for steam and other demanding applications.

- Grey in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 500°C.
- Recommended Services: Resistant to steam, oils, fuels, and hydrocarbons etc.
- Available with stainless steel mesh reinforcing.



### KLINGERSIL TOP-MIC

A combination of mica, synthetic fibres, and fillers provides a material with outstanding flexibility and excellent stability in steam.

- Grey in colour.
- Supplied in sheets: 1500 mm x 2000 mm and 2000 mm x 6000 mm.
- Thickness: 0.4 mm to 3.0 mm.
- Recommended Maximum Temperature: 500°C.
- Recommended Services: Resistant to oils, fuels, hydrocarbons etc.
- Available with stainless steel mesh reinforcing.



### KLINGERSIL MILAM PSS

Milam PSS is an asbestos-free sealing material based on mica reinforced with a tanged stainless-steel insert.

- Brown/Gold in colour.
- Supplied in sheets: 1500 mm x 1500 mm.
- Thickness: 1.5 mm and 3 mm.
- Recommended Maximum Temperature: 900°C.
- Recommended Services: Exhaust manifolds, turbines, turbochargers, burner ducting, and air heat exchangers.



## RUBBER SHEETING

### RUBBER INSERTION

A low-pressure rubber sheeting with fabric reinforcement.

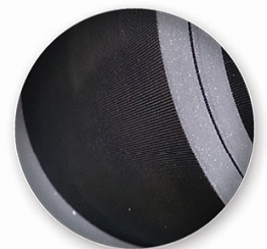
- Black in colour.
- Supplied in rolls: 1200 mm, 1500 mm and 2000 mm wide.
- Thicknesses: 1.5 mm to 8.0 mm.
- Shore Hardness:  $\pm 75$ .
- Recommended Maximum Temperature: 80°C.
- Recommended Services: General purpose low-pressure work. water, air, alkali etc.



### NATURAL RUBBER (GP65)

A solid rubber sheeting.

- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.0 mm to 30.0 mm.
- Shore Hardness:  $\pm 65$ .
- Recommended Maximum Temperature: 80°C.
- Recommended Services: General chemicals, water, air, mild acids.



### NATURAL RUBBER (GP45)

A solid rubber sheeting.

- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 3.0 mm to 25.0 mm.
- Shore Hardness:  $\pm 45$ .
- Recommended Maximum Temperature: 80°C.
- Recommended Services: Used on irregular flange surfaces as well as general chemicals.





## RUBBER SHEETING CONTINUED..



### NEOPRENE

A solid synthetic compound in sheet form, with good UV, and hydrocarbon resistance.

- Red or Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.5 mm to 20.0 mm.
- Shore Hardness:  $\pm 70$ .
- Recommended Maximum Temperature: 100°C.
- Recommended Services: General chemicals, solvents, paraffin, and petroleum products.



### NITRILE

A solid synthetic compound in sheet form, with good hydrocarbon resistance.

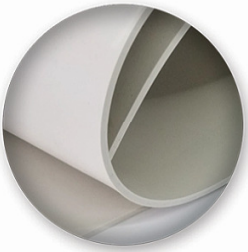
- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.5 mm to 10.0 mm.
- Shore Hardness:  $\pm 65$ .
- Recommended Maximum Temperature: 100°C.
- Recommended Services: Oils, alkali, and petroleum products.



### EPDM

A solid synthetic compound in sheet form, with good UV, and ozone resistance.

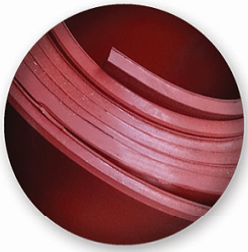
- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.5 mm to 12.0 mm.
- Shore Hardness:  $\pm 70$ .
- Recommended Maximum Temperature: 120°C.
- Recommended Services: External uses, has good weather and temperature resistance.



### FOOD GRADE RUBBER

A solid synthetic FDA standard non-swelling and non-toxic compound in sheet form.

- White in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.5 mm to 10.0 mm.
- Shore Hardness:  $\pm 65$ .
- Recommended Maximum Temperature: 80°C.
- Recommended Services: Food industry gaskets and sleeves.



### LAUNDER RUBBER

A solid rubber sheeting with excellent abrasion resistance.

- Red in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.5 mm to 25.0 mm.
- Shore Hardness:  $\pm 38$ .
- Recommended Maximum Temperature: 70°C.
- Recommended Services: Abrasive resistant (WET), cut and tear-resistant.



### GUM RUBBER

A soft, long-wearing natural rubber sheet.

- Beige in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 3.0 mm to 10.0 mm.
- Shore Hardness:  $\pm 40$ .
- Recommended Maximum Temperature: 80°C.
- Recommended Services: A good abrasion resistance. chute lining, scrappers, and buffers.

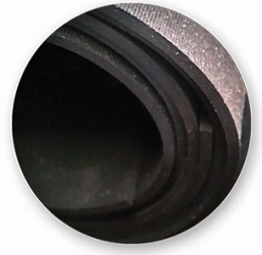


## RUBBER SHEETING CONTINUED..

### BUTYL RUBBER

A solid synthetic compound in sheet form, with good chemical resistance.

- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.5 mm to 15.0 mm.
- Shore Hardness:  $\pm 65$ .
- Recommended Maximum Temperature: 140°C.
- Recommended Services: Good resistance to weather and most acids and chemicals.



### VITON

A solid rubber compound with fluoropolymer elastomer, with excellent fuel resistant properties.

- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.0 mm to 10.0 mm.
- Shore Hardness:  $\pm 75$ .
- Recommended Maximum Temperature: 230°C.
- Recommended Services: Good resistance to fuels, extreme heat, and chemicals.



### SILICONE

A mixture of inorganic and organic polymer in sheet form, with FDA approval.

- Red in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 1.0 mm to 10.0 mm.
- Shore Hardness:  $\pm 60$ .
- Recommended Maximum Temperature: 230°C.
- Recommended Services: Thermal stability, repels water and creates an air-tight seal. Good electrical insulation. Flexible in low temperatures and stiffens in high temperatures.



### DIAPHRAGM RUBBER

Nylon reinforced nitrile, providing excellent strength for diaphragm seals.

- Black in colour.
- Supplied in rolls: 1200 mm wide.
- Thickness: 0.4 mm to 3.0 mm.
- Shore Hardness:  $\pm 65$ .
- Recommended Maximum Temperature: 100°C.
- Recommended Services: Diaphragm pumps.



## RUBBER MOULDINGS & EXTRUSIONS

### O-RINGS

Designed to be seated in a groove and compressed during assembly between two or more parts, creating a seal at the interface. Nitrile is the most used O-Ring material due to its strength and durability. Other O-ring compositions include Viton, Nitrile (NBR) 70, FPM 75), Imperial and Metric O-ring kits are also available.



### SILICONE O-RINGS

Silicone O-rings are often used for their high purity. Made from FDA approved materials, they have an excellent temperature resistance range and good resistance to mild chemicals, animal, and vegetable oils, and water.





## MOULDINGS & EXTRUSIONS CONTINUED...



### MOULDED RUBBER AND SILICONE SEALS

Manufactured according to your requirements. Seals can be made to specified shore hardness and material specifications. Silicone moulded rubber products are tasteless, odourless, and food safe. Rubber mouldings are manufactured for the mining, engineering, and automotive industry, whereas silicone rubber components are manufactured for the food and beverage industry, but most importantly the medical and pharmaceutical industry.



### CAST POLYURETHANE PRODUCTS

Polyurethane has a high load-bearing capacity, flexibility, abrasion, and impact resistance.

- Variety of colours available.
- Resistant to a wide range of chemical agents such as: ozone, hydraulic oil, and gasoline, pure aliphatic hydrocarbons.
- Excellent tear and abrasion resistance, which prevents fast ageing.
- Available in multiple hardness ranges to meet performance and cost requirements.



### RUBBER AND SILICONE EXTRUSIONS

Manufactured to a wide variety of materials to meet various temperature, weather, and technical specifications. From simple rubber or silicone tubing to complex extrusions that are cut to length or supplied in continuous reels.

Extrusions are manufactured to your specifications. Silicone extrusions are manufactured from food-safe, sanitary, and industrial compliant silicone rubber.

## RUBBER SLEEVES



### HAND-BUILT WRAPPED SLEEVES

Wrapped sleeves have good internal and external abrasion resistance. Superior in strength as they are seamless and can be manufactured with reinforcing. All sleeves are hand-built to your specifications. Designed for the mining, quarrying, agriculture, construction, bulk storage, transport, and irrigation industries, among others.



### LAP OR BUTT JOINT RUBBER SLEEVES

Lap joined rubber sleeves can be manufactured using any of the rubber sheeting compounds we stock. These can be manufactured for food safe environments as well as industrial applications. Overlap joints offer a stronger joint due to the extra overlap strip. Multiple layers of rubber can be combined to produce a stronger sleeve.

- Lap joint sleeves are manufactured from two layers with a staggered joint and cover strip.
- Butt joint sleeves are single layer sleeves with a straight joint and no cover strip.



### ZIP JOINT RUBBER SLEEVES WITH COVER STRIP

Zip joined rubber sleeves can be manufactured using any of the rubber sheeting compounds we stock. Zip joints are used where a sleeve cannot be installed for sealing. The sleeve is placed around the pipe and zipped up to create a seal. Zipped sleeves are manufactured with two layers of rubber.

## SKIRTING AND SCRAPERS

### SKIRTING RUBBERS

Skirt board rubbers are available in a variety of pre-cut lengths and widths, to suit any application. Skirting is supplied in two hardness options, 50 and 65 shore A.

- Black in colour.
- Supplied in rolls: 10 000 mm long.
- Thickness: 10 mm, 12 mm, 15 mm, 20 mm, and 25 mm.
- Roll widths: 150 mm, 200 mm, 250 mm, and 300 mm.



### SCRAPER RUBBERS

Combi scrapers are the ideal belt cleaner. Its innovative design and quality raw materials result in excellent belt cleaning properties. A harder outer rubber with a soft inner rubber acts like a squeegee providing excellent belt cleaning.

- Black and red in colour.
- Supplied in rolls: 10 000 mm long.
- Thickness: 20 mm and 25 mm.
- Roll widths: 150 mm and 200 mm.



## CORK GASKETS

### TRANSFORMER CORK

A bonded cork sheeting.

- Supplied in sheets and rolls of 1000mm wide.
- Thickness: 1.5 mm to 12.0 mm.
- Shore Hardness:  $\pm 67 - 75$ .
- Recommended Maximum Temperature: 120°C.
- Recommended Services: General automotive, light electrical industry as well as general engineering applications.



### SYNTHETIC CORK

A synthetic rubber bonded cork sheeting.

- Supplied in sheets and rolls of 1000mm wide.
- Thickness: 1.5 mm to 12.0 mm.
- Shore Hardness:  $\pm 67 - 75$ .
- Recommended Maximum Temperature: 120°C.
- Recommended Services: General engineering applications, dust, air, and water seals.



## GENERAL PURPOSE GASKETS

### WHITE ENGINEERS FELT

Engineering felt consists of 80% wool and 20% other fibres.

- White in colour.
- Supplied in rolls: 1800 mm wide.
- Thickness: 1.5 mm to 25.0 mm.
- Recommended Services: Dust seals, oil seals, gaskets, washers etc.



### GREY SADDLE FELT

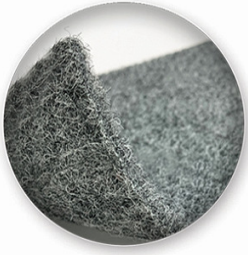
A textile composed of wool and other fibres.

- Brown in colour.
- Supplied in rolls: 1800 mm wide.
- Thickness: 3.0 mm to 25.0 mm.
- Recommended Services: Saddle blankets, saddle lining, protective pads, etc.





## GENERAL PURPOSE GASKETS CONTINUED...



### GREY INDUSTRIAL FELT

Manufactured from natural grey wools.

- Grey in colour.
- Supplied in rolls: 1800 mm wide.
- Thickness: 3.0 mm to 25.0 mm.
- Recommended Services: Industrial Sealing, Anti-vibration applications, Padding, Carpet backing etc.



### BOAT FELT

Specially manufactured for boats, as the felt is treated to withstand mould.

- Grey in colour.
- Supplied in rolls: 10 000 mm long.
- Thickness: 10 mm.
- Available widths: 50 mm, 75 mm, and 100 mm.
- Recommended Services: Boat trailers, Padding, etc.



### DISPLAY FELT

A textile structure composed entirely of fibres. Vibrant fabric primarily used in the exhibition industry for dressing stands and set pieces.

- Various colours available. (Colour chart available on request)
- Supplied in rolls of 1800 mm wide, or sheets of 215 mm x 215 mm.
- Thickness: 1.5 mm.



### PAPER / VALEMROID / FLEXOID / STATITE

A vegetable fibre jointing, that goes by many different names.

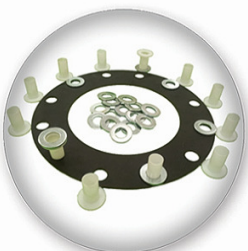
- Brown in colour.
- Supplied in rolls: 1000 mm wide.
- Thickness: 0.15 mm to 3.0 mm.
- Recommended Maximum Temperature: 120°C.
- Recommended Services: Sealing against fuels, vegetable oil, petroleum distillates, and most solvents.



### LEATHER

Leather is a natural fabric that is not only pliable and tough but also highly resistant to abrasion and wear.

- Tan in colour.
- Supplied in pre-cut gaskets.
- Thickness: 3 mm.
- Recommended Maximum Temperature: 120°C (Chrome tanned), 65°C (Dye tanned).
- Recommended Services: Seals, gaskets, cup seals, etc.



### INSULATING KITS

Designed to maintain the integrity and reliability of the pipeline and piping system through safety and corrosion protection. Flange insulation kits provide an effective seal and electrical insulation of flanges.

Insulating sets consist of the following components:

- Insulating gasket (Made up of 3 layers).
- Full-length phenolic sleeves for each bolt.
- Two phenolic washers per bolt.

## GENERAL PURPOSE GASKETS CONTINUED...

### FLANGE SAFETY COVERS

Constructed of durable fabrics that are chemical, UV and weather resistant.

- Materials Available: Teflon, Polypropylene, PVC, and Polyethylene.

Expansion Joint Covers

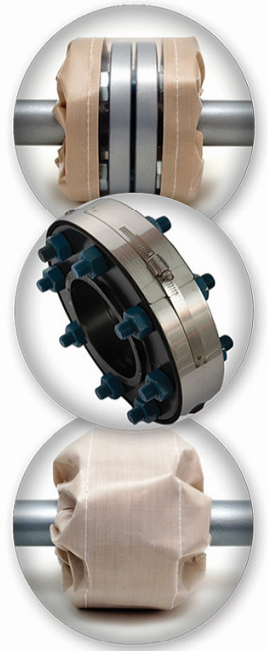
Valve Covers

Flange Covers

- Materials Available: Clear Teflon, Premium Teflon, Standard Teflon, Polypropylene, Polyethylene, Vinyl, Stainless-steel.

We also supply the following covers:

- Pipe end covers.
- I & E Covers.
- Specialty Covers.



## GRAPHITE GASKET MATERIAL

### SLS

Pure exfoliated graphite with a stainless-steel foil reinforcing.

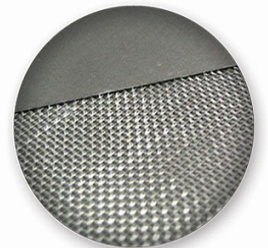
- Grey in colour.
- Supplied in sheets: 1000 mm x 1000 mm, and 1500 mm x 1500 mm.
- Thickness: 0.8 mm to 3.0 mm.
- Recommended Maximum Temperature: 200°C.
- Recommended Services: Steam, resistant to virtually all media, resistant to high and low temperature, irregular/damaged flange surfaces.



### PSM

Pure exfoliated graphite with a tanged stainless steel sheet reinforcing.

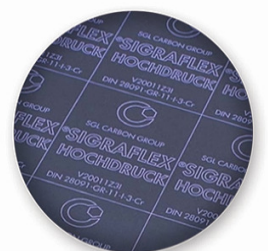
- Grey in colour.
- Supplied in sheets: 1000 mm x 1000 mm, and 1500 mm x 1500 mm.
- Thickness: 1.5 mm to 3.0 mm.
- Recommended Maximum Temperature: 300°C.
- Recommended Services: Steam, resistant to virtually all media, resistant to high and low temperatures, where high compressibility is required.



### SIGRAFLEX® HOCHDRUCK

HOCHDRUCK is a multilayer high-strength graphite sealing sheet comprised of 0.5 mm thick layers of high-purity graphite foil and 0.05 mm thick stainless-steel foils.

- Grey in colour.
- Supplied in sheets: 1500 mm x 1500 mm.
- Thickness: 1.5 mm and 3 mm.
- Recommended Maximum Temperature: 550°C.
- Recommended Services: Chemical, petrochemical, refinery industries. heat transfer from oil and heating facilities, steam pipework and boilers in power stations.





## GRAPHITE GASKET MATERIALS CONTINUED...



### GRAPHITE PRE-FORMS (DIE-FORMS)

Die-formed rings offer a leak-free sealing solution for high-performance valve applications, which require excellent pressure and temperature characteristics.

- Self-lubricating.
- Manufactured to order.
- Recommended Maximum Temperature: 430°C.
- Recommended Services: Gland packing, fluid media, high-temperature steam, demineralised water, heat transfer media, petroleum products, inorganic and organic acids, alkali, hot waxes and oils.

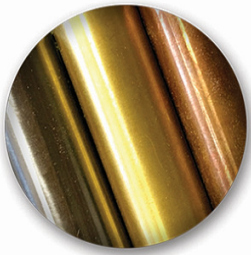


### PURE GRAPHITE SEALS

Pure graphite pre-formed to precise density and dimensions.

- Manufactured to order.
- Recommended Maximum Temperature: 600°C.
- Recommended Services: Valves, rotary pumps, fluid media, high-temperature steam, demineralised water, heat transfer media, petroleum products, inorganic and organic acids, alkali, hot waxes and oils.

## METAL GASKETS



### SHIM STOCK

Shims are thin pieces of material used to fill a gap between two surfaces or components and are also referred to as spacers.

- Supplied in rolls of: 610 mm, 305 mm, and 150 mm wide.  
(Available widths dependent on material).
- Thickness: From 0.025 mm in various increments up to 0.5mm.



### METAL JACKETED GASKETS

Comprised of a soft pliable filler core surrounded by a metal jacket which may totally or partially enclose the filler. These gaskets are designed and widely used for heat exchangers, pressure vessels, gas mains, valve bonnets and similar services. This metal jacket provides the mechanical strength to contain the filler and is selected from a material that is suitable to resist chemical attack from the fluid to be sealed as well as the operating temperature. Metal jacketed gaskets are available in a comprehensive selection of materials and are custom-built to client's specific design requirements and are almost without any size limitations. A durable protective coating is applied on every soft iron gasket to resist rusting in storage.



### RING JOINTS

The solid metal gasket provides an excellent mechanical joint and has gained universal acceptance in the oil, petroleum and chemical processing industries where high mechanical and thermal performance is required. The type 'R' oval configuration is the original ring joint design and was followed by the type 'R' octagonal which offered more specific contact sealing areas. Both types can be used with flanges having the standard ring joint flat-bottom groove and held of flanges by the specified amount, relying entirely on correctly applied initial bolt load for the proper operation in service. Gasket metal should be selected to suit the service condition and should be of hardness lower than the flange metal.

The annealing process of the metal is carefully controlled to keep the hardness of the gasket below the maximum allowable hardness to ensure proper flow and sealing without damaging the flange surfaces.

## METAL GASKETS CONTINUED...

### SPIRAL WOUND GASKETS

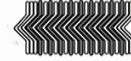
Constructed of alternate plies of pre-formed metal and soft non-metallic fillers. The metal winding of the gasket is formed into a chevron configuration allowing superior resiliency and self-adjustment when compared to conventional gaskets. Spiral wound gaskets are available to order in almost any combination of component materials.

Spiral wound configuration:

Style CRIR



Style R



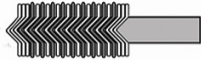
Style CR



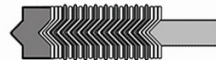
Style R Graflex Faced



Style RIR



Type HTX  
for heat exchangers



### CMG

CMG gasket, also known as a 104G, is a metal reinforced gasket that utilises a corrugated solid steel core, laminated with flexible graphite facing layers on both sides.

Commonly used for heat exchangers and pressure vessels, Piping flanges, with pressure ratings up to and including Class 300 / PN 40.

- Pressure up to 40 Bar.
- Temperatures up to 450°C.
- Good blow-out resistance.
- Can be fitted to inner and/or outer cleats.
- The soft facing layer prevents damage to the flange.



### MRG

MRG gaskets, also known as type 108, is a metal ring with expanded graphite on both sides of the surface. Can be manufactured from a range of core materials. The graphite sealing layers can also be substituted with other soft facing materials such as PTFE, Mica or compressed non-asbestos fibre gasket materials. Typically used in heat exchangers with complex pass partition bar configuration. The low load requirements on the MRG gasket make them ideal replacements for compressed non-asbestos fibre gaskets and metal jacketed gaskets in heat exchanger applications.



### KAMMPROFILES

Kammprofiles are a composite gasket, which utilises a serrated metal core with a soft facing material. Kammprofiles have a wide range of seating stresses under which the seal is affected and maintained. It can be used when there is insufficient bolt load to seal conventional gasket materials. Easy to handle and fit. Suitable for a wide range of operating conditions. The soft facing layer prevents damage to the flanges, providing a high integrity seal including thermocycling and shock-loading conditions. Can be refurbished with a new facing layer and reused. Kammprofiles can be manufactured in a very wide variety of sizes and shapes according to customer design requirements.



### COPPER GASKETS

Copper is a highly ductile and malleable metal that is suitable for an array of applications. It is one of the most widely used metals for commercial purposes. In its pure state sheet, copper is easily bent by hand or hammered which is why it is often used for gaskets. Excellent for head gaskets, as they will not react with water or corrode easily. The main features which give copper its signature qualities can be categorised by the alloy used, the hardness of the copper (temper), finish and gauge.





## METAL GASKETS CONTINUED...



### DOUBLE STEEL FACE

A composite gasket material consisting of a heat resistant non-asbestos jointing combined with a perforated and tanged metal facing on each side.

- Silver in colour.
- Supplied in sheets: 1000 mm x 1000 mm.
- Thickness: 1.6 mm.
- Recommended Maximum Temperature: 800°C.
- Recommended Services: Exhaust manifolds, turbo gaskets.



### MACHINE SHIMS / SHIM KITS

Precision alignment of sensitive equipment, our pre-cut stainless-steel shims are supplied in five different sizes and thicknesses.

- Supplied in packs of: 10, or in a purpose-designed aluminium carry case.
- Thickness: 0.05 mm to 2.0 mm.

## THERMAL INSULATION

### TWISTED ROPE

Ceramic twisted rope is made by twisting ceramic fibre bulk yarn. It is flexible and resilient, optional glass, stainless-steel, or Inconel reinforcing.

- White in colour.
- Supplied in rolls: 50 meters.
- Thickness: 2 mm nominal up to 50 mm.
- Melting point: 1750°C.
- Recommended Maximum Temperature: 1260°C.
- Recommended Working Temperature: 1800°C. (For e-glass filament reinforcement)  
1000°C. (For S/S wire reinforcement)  
1200°C. (For Inconel wire reinforcement)



### BRAIDED ROPE

Ceramic fibre braided round, and square ropes are manufactured from superior quality ceramic fibre yarn, braided cover to cover to form a solid packing. The yarn is reinforced with ASTM grade E-glass filament and can withstand very high temperatures.

- White in colour.
- Supplied in rolls: 50 meters.
- Melting point: 1750°C.
- Recommended Maximum Temperature: 1260°C.
- Continuous Working Temperature: 800°C.



### WEBBING TAPE

Ceramic webbing tape is manufactured from blown alumino-silicate fibre yarn which has been blended from high purity alumina and silica. Available with glass and wire reinforcing.

- White in colour.
- Supplied in rolls: 30 meters.
- Roll Width: 25 mm, 40 mm, 50 mm, 75 mm, and 100 mm.
- Thickness: 2 mm nominal.
- Recommended Maximum Temperature: 600°C.
- Melting Point: 1700°C.



## THERMAL INSULATION CONTINUED...

### PLAIN / COATED SLEEVING

The product is suitable for thermal insulation and protection of hoses, cables, and pipes.

- White in colour (Plain), Red in colour (Silicone coated).
- Supplied in rolls: 15 meters long.
- Standard Size: 12 mm to 100 mm.
- Wall Thickness: 1 mm. Add 2 mm for coated.
- Recommended Maximum Temperature: 450°C (Plain), 260°C (Coated).
- Melting Point: 1700°C.



### CERAMIC CLOTH

A mixture of aramid and ceramic fibres, woven into cloth with glass reinforcing.

- White in colour.
- Supplied in rolls: 50 meters long.
- Standard width: 1500 mm.
- Thickness: 2 mm.
- Recommended Maximum Temperature: 350°C.



### GLASS CLOTH

A mixture of aramid, carbon and glass fibres which are combined to provide high strength, protection, and operating temperature.

- White in colour.
- Supplied in rolls: 50 meters long.
- Standard Width: 1000 mm.
- Thickness: 0.7 mm.
- Recommended Maximum Temperature: 430°C.



### ROPE LAGGING

Rope lagging consists of low-density glass fibres supported by ceramic fibres and enclosed in a braided glass yarn.

- White in colour.
- Supplied in rolls: 30 meters long.
- Diameter: 13 mm, 20 mm, 25 mm, 40 mm, and 50 mm.
- Recommended Maximum Temperature: 600°C.
- Recommended Services: Insulating pipework, high-temperature sealing, caulking, etc.



### CERAMIC PAPER

Ceramic paper is an aluminosilicate ceramic fibre-based non-woven fabric.

It is manufactured through a special paper-making process with high purity washed fibres, suitable for high-temperature insulation.

- White in colour.
- Supplied in rolls: 600 mm wide, and 1200 mm wide.
- Thickness: 0.8 mm, 1.5 mm, 3 mm, and 6 mm.
- Recommended Maximum Temperature: 1260°C.
- Recommended Services: Insulation, pipe wrapping, aerospace, fire protection, electrical insulation, seals, gasket, etc.

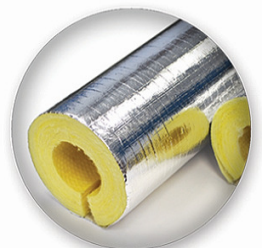


### PRE-FORMED PIPE SECTIONS

Preformed sections of glass fibres bonded with a heat resistant resin, free from shot and coarse fibre, light, damage-resistant, easy to handle, cut and fit.

The sections are split along their lengths to provide a hinge for ease of fitting.

- Can be supplied with a glass-reinforced aluminium foil.
- Length: 1000 mm.
- Recommended Maximum Temperature: 230°C.





## THERMAL INSULATION CONTINUED...



### CERAMIC BLANKET

Ceramic fibre blankets are a type of insulation material constructed as one continuous blanket. This blanket is composed of pure materials melted at high temperature to ensure its insulation capacities.

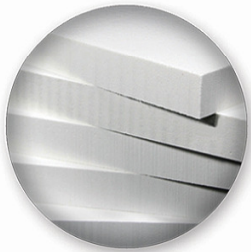
- White in colour.
- Supplied in rolls: 610 mm x 7300 mm.
- Thickness: 25 mm.
- Recommended Maximum Temperature: 1260°C.



### BULK FIBERS

Ceramic fibres are manufactured from alumina-silicate materials and are chemically inert.

- White in colour.
- Supplied in bags: 20 Kg.
- Thickness: 3 - 5 microns.
- Recommended Maximum Temperature: 1000°C.



### CERAMIC FIBER BOARDS

Ceramic fibre boards are manufactured from alumino-silica and binders.

Ceramic fibre boards are chemically inert.

- White in colour.
- Supplied in sheets: 1200 mm x 1200 mm.
- Thickness: 25 mm and 50 mm.
- Recommended Maximum Temperature: 1260°C.



### CERAMIC FELT

Ceramic felt is a vacuum formed felt manufactured from high temperature insulation wool bound with an organic binder.

- Yellow / white in colour.
- Supplied in rolls: 1000 mm wide.
- Thickness: 2mm, and 3mm.
- Recommended Maximum Temperature: 1300°C.



### MILLBOARD

Millboard is a non-asbestos insulating gasket material.

- Off-White/Grey in colour.
- Thickness: 1 mm to 12 mm.
- Recommended Maximum Temperature: MB 700 800°C.  
MB 900 1000°C.  
MB 2000 1200°C.

## PTFE (POLYTETRAFLUOROETHYLENE)



### FILLED PTFE

A virgin PTFE that is filled to enhance the compression and wear properties.

- Supplied to order.
- Filler materials include carbon, bronze, and glass fibres.
- Recommended Maximum Temperature: 260°C.

## PTFE (POLYTETRAFLUOROETHYLENE) CONTINUED...

### VIRGIN PTFE

PTFE is a soft, low friction fluoropolymer with outstanding chemical resistance and weathering resistance.

- White in colour.
- Supplied in rolls: 1220 mm wide.
- Thickness: 0.5 mm to 10 mm (8 mm and 10 mm only available in sheets).
- Recommended Maximum Temperature: 220°C.
- Recommended Services: Bushings, gaskets, food industry, where good chemical resistance is required.



### PTFE ENVELOPES

PTFE envelope gaskets consist of a stable gasket insert and a PTFE envelope. Only high-quality, non-porous PTFE is used for the envelope, to protect the insert against chemical attack.

- White in colour.
- Supplied in 'U' and 'V' shape in sizes as requested.
- Recommended Maximum Temperature: 220°C.
- Recommended Services: Protection against low-cost material gaskets from aggressive chemicals and to protect the medium against contamination from the gasket material.



### PTFE THREAD SEAL TAPE

PTFE thread seal tape is made from virgin PTFE.

- White in colour.
- Supplied on plastic dispensing rolls: 12 mm, 10 mm, and 25mm.
- Thickness: 0.076 mm to 0.1 mm.
- Recommended Services: Pressurised water systems, central heating systems, and air compression equipment.



### PTFE CORD

PTFE cord seal is non-toxic, inert, clean, dry and non-flammable. Manufactured from pure virgin PTFE.

- White in colour.
- Supplied in meters rolls.
- Thickness: 3 - 6 mm, 10 mm, 12 mm, 14 mm, and 20 mm.
- Recommended Maximum Temperature: 260°C.
- Recommended Services: Horizontal flanges with low bolt load, un-even surface flanges.



### PTFE EXTRUDED ROD

PTFE is a soft, low friction fluoropolymer with outstanding weathering resistance.

- White in colour.
- Supplied in lengths: 2 meters.
- Rod Diameters: 6 mm, 8 mm, 10 mm, 12 mm, 15 mm, 20 mm & 25 mm.
- Recommended Maximum Temperature: 260°C.
- Recommended Services: Special machined parts to order.



### TASK-LINE (SIRF)

Task-line gaskets are pure virgin PTFE resin that is compression moulded around and through a perforated, 304 stainless steel insert.

- White in colour.
- Supplied in 150# rings from 15 N/B to 150 N/B.
- Recommended Maximum Temperature: 240°C.
- Recommended Services: Excellent for chemical manufacturing, food processing equipment, pharmaceuticals distilling, petrochemical, power generation, marine, etc.





## PTFE (POLYTETRAFLUOROETHYLENE) CONTINUED...



### TOP-CHEM - 2003

Highly compressible, modified PTFE material with outstanding chemical resistance.

- White in colour.
- Supplied in sheets: 1500 mm x 1500 mm.
- Thickness: 1.0 mm to 3.0 mm.
- Recommended Maximum Temperature: 240°C.
- Recommended Services: Resistant to aggressive chemicals, excellent for gas.
- Suitable for glass-lined and enamel flanges.



### TOP-CHEM - 2005

A modified PTFE material with excellent chemical resistance and mechanical properties.

- Orange in colour.
- Supplied in sheets: 1500 mm x 1500 mm.
- Thickness: 1.0 mm to 3.0 mm.
- Recommended Maximum Temperature: 240°C.
- Recommended Services: Ideal for strong acidic environments.



### HIGH GRADE LS

100% Pure expanded PTFE.

- White in colour.
- Supplied in sheets: 1000 mm x 1000 mm, and 1500 mm x 1500 mm.
- Thickness: 1.5 mm and 3.0 mm.
- Recommended Maximum Temperature: 240°C.
- Recommended Services: Excellent for chemical manufacturing, food & beverage, pharmaceuticals, distilling, petrochemical, power generation, marine, etc.



### EXPANDED PTFE JOINTING

100% virgin PTFE that has been expanded into a highly compressible product, with an adhesive backing.

- Maximum Operating temperature: -100°C ~ +280°C.
- Maximum Recommended Pressure: 210 Bar (3045 PSI).
- Minimum Bolting Pressure (3 mm ~ 25 mm): 8 ~ 20MPa.
- Recommended Services: Irregular flange surfaces, low bolt loads, etc.

## FOAMS & SPONGES



### COMPRIBAND

Comriband is a pre-formed resilient sealing and expansion jointing material. Comriband is a mixture of bitumen and elastic open-cell foam and has a compression set of 3%.

- Black in colour.
- Manufactured to required specifications, with or without PSA.
- Recommended Maximum Temperature: 85°C.
- Recommended Services: Air-tight seals, driving rain-resistant seal. Comriband has thermal-insulating properties across the entire depth of the perimeter gap.



### SBR SPONGE

Styrene-butadiene Rubber (SBR) is a closed-cell expanded rubber sponge.

- Black in colour.
- Manufactured to required specifications, with or without PSA.
- Thickness: 3 mm to 40 mm (Greater than 40 mm can be laminated).
- Recommended Maximum Temperature: 80°C.
- Recommended Services: Physical fitness, footwear material, bag material, medical protectors, aquatic sports.

## FOAMS & SPONGES CONTINUED...

### E.P.D.M SPONGE

EPDM sponge is a closed cell expanded rubber sponge.

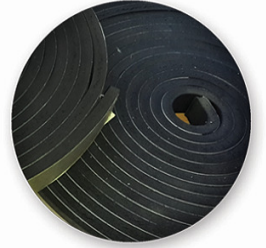
- Black in colour.
- Manufactured to order, with or without PSA.
- Thickness: 3 mm to 40 mm (Greater than 40 mm can be laminated).
- Recommended Maximum Temperature: 100°C.
- Recommended Services: Indoor and outdoor uses, sealing, weather-stripping applications. Dust, dirt, and waterproofing.



### ACRYBAND FOAM

Acryband is an acrylic impregnated foam sealant strip.

- Black in colour.
- Manufactured to order, with or without PSA.
- Thickness: 3 mm to 40 mm.
- Recommended Maximum Temperature: 120°C.
- Recommended Services: Sealing regular and irregular gaps against dust and draught. Dust, dirt and, waterproof.



### NEOPRENE SPONGE

Neoprene sponge is a closed-cell rubber sponge.

- Black in colour.
- Manufactured to order, with or without PSA.
- Thickness: 3 mm to 40 mm.
- Recommended Maximum Temperature: 100°C.
- Recommended Services: Indoor and outdoor uses, sealing, sound dampening applications.



### POLYETHYLENE (PE60) FOAM

Polyethylene foam is chemically cross-linked foam.

- Black in colour.
- Manufactured to order, with or without PSA.
- Thickness: 3 mm to 40 mm.
- Recommended Maximum Temperature: 80°C.
- Recommended Services: Indoor use, weatherproofing, provides permanent waterproofing between surfaces, flame retardant.



### POLYURETHANE FOAM

Polyester-based Polyurethane foam. Very good flame behaviour in the electronics and automotive industries.

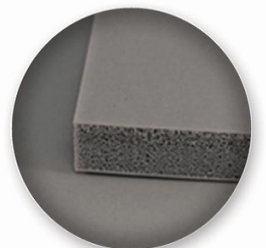
- Grey in colour.
- Manufactured to order, with or without PSA.
- Thickness: 3 mm to 40 mm.
- Recommended Maximum Temperature: -10°C to 90°C.
- Recommended Services: Recommended for automotive, electronics and acoustic insulation.



### SILICONE SPONGE

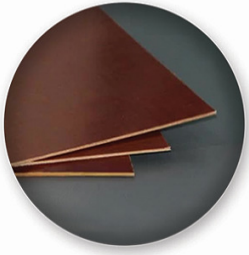
A pure silicone rubber, blended to give a foam appearance when vulcanised.

- Multiple colours available.
- Supplied in sheets: 400 mm x 400 mm, and 500 mm x 500 mm.
- Thickness: Can be manufactured to any thickness required.
- Recommended Maximum Temperature: -60°C to 230°C.
- Recommended Services: Excellent Ozone and UV resistance, Seals and Gaskets, Insulation, and Vibration Dampening.





## ELECTRICAL INSULATING MATERIALS



### PHENOLIC BOARDS

Our phenolic boards are manufactured with woven fabrics/ high density thermo-setting cellulose fabrics along with phenolic resins.

- Brown in colour.
- Supplied in sheets: 1200 mm x 1200 mm.
- Thickness: 1.5 mm, 2 mm, 3 mm, and 6 mm.
- Recommended Services: Electrical insulation.



### PRESSPAHN

Presspahn is manufactured from kraft wood pulp which is pressed to form sheets, with exceptional electrical insulation when combined with transformer oil.

- Yellow / Brown in colour.
- Supplied in rolls: 1000 mm wide.
- Thicknesses: 0.1 mm - 1 mm (No lamination)  
1.0 mm - 20 mm (With lamination)
- Recommended Services: Electrical insulations, good tear resistance.

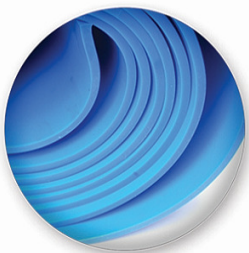


### RED VULCANISED FIBERS

Vulcanised fibre is a laminated plastic, composed of only cellulose, making it ideal for electrical and electro-mechanical applications.

- Red in colour.
- Supplied in sheets: 1220 mm x 1220 mm.
- Thickness: 1.5 mm.
- Recommended Maximum Temperature: 130°C.
- Vulcanised fibre is a strong material with excellent tear resistance and fine bonding surfaces. It is not corroded by saltwater. It is not broken down easily by the sun.

## ENGINEERING PLASTICS



### POLYURETHANE

Polyurethane is a unique material that offers the elasticity of rubber combined with the toughness and durability of metal.

- Variety of colours available.
- Supplied as per client's requirements.
- Moulds, extrusions, welded parts, and seals also available in polyurethane.
- Recommended Services: Bellows, sound-dampening pads, gaskets, roller covers, wear strips, machinery mounts, chute and hopper liners, seals, sandblast curtains, etc.



### PVC

Polyvinyl chloride (PVC) is an industrial plastic often used for support, levelling and fit adjustment, shims can also be used as electrical insulation, to seal joints and to adjust valve spring pressure.

- Clear in colour.
- Supplied in rolls of: 610 mm wide.
- Thickness: 0.125 mm, 0.25 mm, 0.5 mm.

## ENGINEERING PLASTICS CONTINUED...

### HDPE & UHMWPE

HDPE (High-density polyethylene) is a thermoplastic polymer produced from the monomer ethylene. UHMWPE (Ultra-high-molecular-weight polyethylene) is synthesised using metallocene catalysts and ethane units resulting in a structure where ethane units are bonded together resulting in UHMWPE structure typically having 100,000 to 250,000 monomer units per molecule.

- Supplied in sheets: 2000 mm x 1000 mm or machines to spec.
- Almost totally inert, therefore used in the most corrosive or aggressive environments at moderate temperatures.
- Recommended Services: High-performance applications.
- UHMWPE is suitable for high wear applications, tubes, liners, silos, containers etc.
- Food-safe options available as well.



### NYLON (POLYAMIDE)

Nylon is an incredibly useful plastic for applications that require both a plastic material as well as a high melting temperature.

- Supplied in sheets or machined parts.
- Thickness: From 0.75mm.
- Recommended Maximum Temperature: 150°C - 185°C.
- Recommended Services: Electrical insulation, food-safe, fair chemical resistance.



### ACETATE

Acetate is a cast cellulose di-acetate film. Optically clear and dimensionally stable, it is a high performance, 100% biodegradable.

- Supplied in various roll widths.
- Thickness: 0.023 mm, 0.125 mm, 0.350 mm, 1.500 mm,  
0.050 mm, 0.175 mm, 0.420 mm, 2.000 mm,  
0.075 mm, 0.200 mm, 0.500 mm,  
0.100 mm, 0.250 mm, 1.000 mm,
- Recommended Maximum Temperature: 60°C.
- Recommended Services: Spacers, washers, food processing, etc.

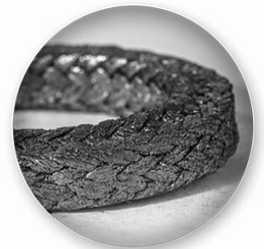


## GLAND PACKING

### GRAPHITE YARN

Carbon Graphite Yarn enables this product to run at high speeds, while the thermal conductivity assists in removing the heat that is so detrimental to shaft wear.

- Maximum Operating Temperature: -200°C ~ +650°C.
- Maximum Rotary (pump) Pressure: 20 Bar (290 PSI).
- Maximum Stationary (valve) Pressure: 300 Bar (4350 PSI).
- Maximum Shaft Speed: 25 m/sec.



### EXPANDED GRAPHITE - OTHER EXPANDED GRAPHITE OPTIONS ALSO AVAILABLE

Braided packing constructed of expanded graphite fibre tape that has been formed into yarn, with glass fibre yarn as leader material and multiple strands of Inconel wire as reinforcement.

- Maximum Operating Temperature: -240°C ~ +450°C (Oxidising).
- Maximum Operating Temperature: -240°C ~ +650°C (Non - oxidising).
- Maximum Stationary (valve) Pressure: 300 Bar (4350 PSI).
- Maximum Shaft Speed: 1 m/sec.





## GLAND PACKING CONTINUED...



### **CARBON PACKING - OTHER CARBON OPTIONS ALSO AVAILABLE**

Densely braided PAN carbon fibre product with graphite lubricants. It can run at high speeds while maintaining a good thermal conductivity to assist in removing the heat that is so detrimental to shaft wear.

- Maximum Operating Temperature: -50°C ~ +450°C.
- Maximum Rotary (pump) Pressure: 20 Bar (290 PSI).
- Maximum Stationary (valve) Pressure: 250 Bar (3625 PSI).
- Maximum Shaft Speed: 15 m/sec.



### **KEVLAR PACKING - ALSO AVAILABLE IN GLASS**

Aramid fibre that has been braided with a liberal amount of PTFE lubricant that serves as both a blocking agent as well as a running-in lubricant.

- Maximum Operating Temperature: -50°C ~ +260°C.
- Maximum Rotary (pump) Pressure: 50 Bar (725 PSI).
- Maximum Stationary (valve) Pressure: 250 Bar (3625 PSI).
- Maximum Shaft Speed: 12 m/sec.



### **COTTON YARN PACKING - ALSO AVAILABLE IN TALLOW**

Braided packing constructed of cotton yarn that has been braided with a special graphite lubricant mixture. The lubricant permeates the packing completely.

- Maximum Operating Temperature: -40°C ~ +120°C.
- Maximum Rotary (pump) Pressure: 15 Bar (215 PSI).
- Maximum Stationary (valve) Pressure: 50 Bar (725 PSI).
- Maximum Shaft Speed: 10 m/sec.



### **EXPANDED PTFE PACKING**

Braided packing constructed of expanded PTFE yarns which have been inter-braided into a dense, but flexible product.

- Maximum Operating Temperature: -200°C ~ +280°C.
- Maximum Rotary (pump) Pressure: 15 Bar (215 PSI).
- Maximum Stationary (valve) Pressure: 150 Bar (2175 PSI).
- Maximum Shaft Speed: 8 m/sec.



### **ACRYLIC PTFE PACKING - OTHER ACRYLIC OPTIONS ALSO AVAILABLE**

Braided packing constructed of white acrylic yarn that has been braided with a liberal amount of PTFE lubricant and mineral oil.

- Maximum Operating Temperature: -40°C ~ +260°C.
- Maximum Rotary (pump) Pressure: 20 Bar (290 PSI).
- Maximum Stationary (valve) Pressure: 110 Bar (1595 PSI).
- Maximum Shaft Speed: 10 m/sec.



### **GLASS YARN PACKING - OTHER GLASS YARN OPTIONS ALSO AVAILABLE**

Braided packing constructed of pure blown glass fibre. There are no wet lubricants present that can be extruded under pressure and temperature.

- Maximum Operating Temperature: +540°C.
- Maximum Stationary (valve) Pressure: 250 Bar (3625 PSI).
- Maximum Shaft Speed: 1 m/sec.

## GLAND PACKING CONTINUED...

### FLAX PACKING - OTHER FLAX OPTIONS ALSO AVAILABLE

Braided packing constructed of flax yarns that have been coated with PTFE before the braiding process.

- Maximum Operating Temperature: -40°C ~ +90°C.
- Maximum Rotary (pump) Pressure: 15 Bar (215 PSI).
- Maximum Stationary (valve) Pressure: 80 Bar (1160 PSI).
- Maximum Shaft Speed: 10 m/sec.



### RAMIE PTFE PACKING

Braided packing is constructed of natural ramie fibre that has been braided with a liberal amount of PTFE lubricant and mineral oil.

- Maximum Operating Temperature: -50°C ~ +130°C.
- Maximum Rotary (pump) Pressure: 20 Bar (290 PSI).
- Maximum Stationary (valve) Pressure: 100 Bar (1450 PSI).
- Maximum Shaft Speed: 10 m/sec.



### KYNOL PTFE PACKING

Braided packing constructed of Kynol fibre that has been pre-impregnated with PTFE lubricant and has been braided with an additional liberal amount of PTFE lubricant and mineral oil.

- Maximum Operating Temperature: -100°C ~ +280°C.
- Maximum Rotary (pump) Pressure: 25 Bar (362 PSI).
- Maximum Stationary (valve) Pressure: 250 Bar (3625 PSI).
- Maximum Shaft Speed: 22 m/sec.



### POLYIMIDE PTFE (BLUE) PACKING

Braided packing constructed of blue poly-yarn fibre that has been braided with a liberal amount of PTFE lubricant and mineral oil.

- Maximum Operating Temperature: -50°C ~ +130°C.
- Maximum Rotary (pump) Pressure: 20 Bar (290 PSI).
- Maximum Stationary (valve) Pressure: 100 Bar (1450 PSI).
- Maximum Shaft Speed: 10 m/sec.



### META PTFE PACKING

Braided packing constructed of white meta-type aramid fibre that has been pre-impregnated with PTFE lubricant and has been braided with an additional liberal amount of PTFE lubricant and mineral oil.

- Maximum Operating Temperature: -100°C ~ +280°C.
- Maximum Rotary (pump) Pressure: 20 Bar (290 PSI).
- Maximum Stationary (valve) Pressure: 250 Bar (3625 PSI).
- Maximum Shaft Speed: 20 m/sec.





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