## KHATTAR SEALS AND PACKINGS KHATTARSONS INTERNATIONAL

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We proudly introduce ourselves as Authorized Gasket Manufacturers/Cutter for CHAMPION, FEROLITE & ZENITH making all types of Asbestos, Non-Asbestos, Teflon, Rubber, Paper, Graphited gaskets manufactured by above brands.

We are authorized distributors for CHAMPION, FEROLITE & ZENITH for their entire range.

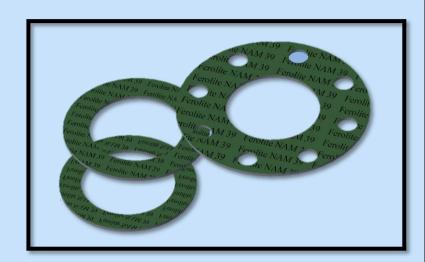
We are also authorized distributors for <u>UNBRAKO</u>, <u>APL & RAAJ</u> for all types of High Tensile & SS304, SS316 Fasteners.

We are an ISO 9001:2015 company delivery quality products since 1991.

### **PRE CUT GASKETS**

#### **NON ASBESTOS CUT GASKETS (CNAF)**





Non-asbestos gaskets are changing the dynamics of these sealants. These have become increasingly popular in various industries. As the name says, these are typically made of non-asbestos materials, mainly synthetic fibres like graphite, fiberglass, etc. One major reason behind their popularity is their blending potency with rubber and other binding materials. Apart from this, these synthetically formed gaskets are also highly safe, effective, and versatile.

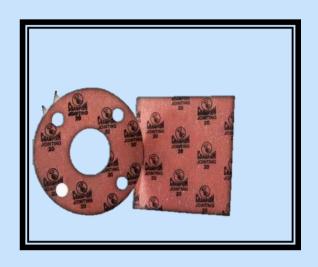
Since the ban on asbestos, companies have had to develop a range of different fillers to cope with the demands of high temperature and high-pressure service used in the transportation of hot gases, steam, acids and other chemicals.

These include aramid and inorganic fibers, graphite and vermiculite.

CNAF gaskets are made from sheet material where the fibers are combined with a rubber binder which is normally Nitrile, EPDM, Neoprene or SBR.

It is important to select the right grade, as unlike asbestos, CNAF materials have different chemical resistance and temperature ratings dependent on the grade.

## **ASBESTOS GASKETS (CAF)**

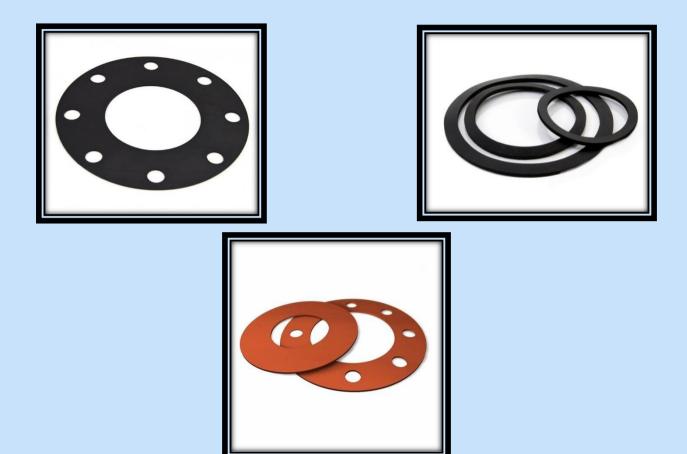




CAF Gaskets are used in various applications, most notably for creating seals between components that must be joined together. This is done by utilizing the pressure-energized qualities of these gaskets to form them tightly against the surfaces they are sealing. Commonly found in automotive, aviation and industrial sectors, these gaskets can also be applied to architecture, construction, and marine applications.

CAF Gaskets can handle numerous industrial applications ranging from tanker trucks carrying corrosive liquids to aircraft intake systems by providing excellent chemical resistance and high-temperature tolerance. They have low emissions properties when used with combustible gases, making them ideal for combustion engines, helping reduce environmental impact and enhancing safety standards.

## **RUBBER GASKETS**



Rubber flange gaskets are circular seals placed between two flanges to prevent leakage of fluids or gases. They compress under bolt pressure to form a tight seal, accommodating surface irregularities and pressure variations.

We are manufacturing all types of precut Rubber gaskets like Natural Rubber, EPDM, NBR, Neoprene & Silicon.

Rubber flange gaskets are widely used in:

- Oil & gas pipelines
- Chemical processing plants
- HVAC systems
- Water treatment facilities
- Power generation units

## **TEFLON GASKETS**







Teflon gaskets, also known as PTFE gaskets, are sealing components made from Polytetrafluoroethylene (PTFE).

These gaskets are widely used in industrial applications due to their exceptional chemical resistance, thermal stability, and non-stick properties. We have all types of PTFE Gaskets like Expended PTFE, Skived PTFE, Virgin PTFE available in all shape and sizes.

- Chemical Inertness: Resistant to almost all chemicals, acids, and solvents.
- Temperature Resistance: Operates from -260°C to +260°C, with short-term tolerance up to 315°C.
- Low Friction: Extremely smooth surface prevents sticking and material buildup.
- Non-Toxic & Food-Safe: Virgin PTFE is physiologically inert, suitable for food and pharmaceutical use.
- Electrical Insulation: Excellent dielectric properties.
- Weather & UV Resistant: Durable in outdoor and exposed environments.

## **JOINTING SHEETS**









Jointing sheets are materials used to fabricate gaskets for sealing joints in piping systems, machinery, and equipment. They can be cut into custom shapes and sizes to fit specific applications.

We have wide range of Jointing Sheets such as Non-Asbestos (CNAF), Compressed Asbestos Fiber, Rubber Sheets, Beater Paper Sheets, PTFE Sheets & Graphited Sheets manufactured by CHAMPION, FEROLITE & ZENITH.

## **GLAND PACKING**









Gland packing is a mechanical sealing method used to prevent leakage of fluids along a rotating or reciprocating shaft. It's commonly found in pumps, valves, mixers, and agitators in industrial systems.

Gland packing consists of braided or twisted sealing material—often in the form of rings or rope—compressed around a shaft inside a stuffing box. When tightened, it forms a seal that prevents fluid from escaping while allowing the shaft to rotate or move.

We have all kinds of Gland Packings in stock like Asbestos Ropes, Graphited, Silicon Based, PTFE, Ceramic, Aramid based and all other types of Asbestos & Non-Asbestos Glands manufactured by CHAMPION & FEROLITE.

All sizes from 3mm to 100mm are available in all categories.

#### **FASTENERS**









Stainless steel (SS) fasteners are corrosion-resistant hardware components used to join or secure materials in a wide range of applications—from construction and automotive to marine and food processing. They are prized for their durability, aesthetic appeal, and resistance to rust and chemicals.

High tensile fasteners are specialized bolts, nuts, screws, and studs made from high-strength alloy steels that are heat-treated to achieve superior mechanical properties. They are designed to withstand high levels of stress, load, and vibration, making them ideal for demanding industrial and structural applications.

We have wide range of all kinds of SS304, SS316 & High Tensile Bolts, Nuts & Washer for APL, RAAJ & UNBRAKO.

10.9 & 12.9 grades in stock.

# PTFE THREAD SEAL TAPES AND ROPES





Made from durable virgin Teflon. Teflon Thread Seal Tape can be wound around threads of any metal, plastic or rubber pipes to provide leak-free joints that will never freeze or harden with age.

This tape is suitable for applications under ambient conditions with all common fluids and gases up to 80 bar gauge for pipes. This tape is suitable for applications in range -200C to 2000C for pipe sizes up to 50 mm.

## List of Our Most Valuable Clients



























When you are choosing your material, we recommend that you take a look at
our complete range of products before making any decision.
Our technical team will be pleased to help you to choose right type of material
for your specifications.
We request you to enroll our name in list of your approved suppliers
and looking forward for valuable enquires.
Thanking You.
Very Truly Yours,
For KHATTAR SEALS AND PACKINGS
(Tushar Khattar)
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