



## GOODRICH GASKET PRIVATE LIMITED

### Specialists in

Emergency Shutdown & Maintenance Supply of All Types of Spiral Wound Gasket, API Ring Joint Gasket, Studs & Nuts, Insulating Kit Gaskets, Customized Gaskets and Monolithic Insulating Joints



### Licence No.

6A-0722

17D-0070



### Certification

ISO 9001:2008

ISO 14001:2004

OHSAS 18001:2007

## Introduction



Today Goodrich Gasket Private Limited is acknowledged as the market leader in manufacturing & supply of high-performance Industrial Static Sealing Products for the Global Processing Industries. Goodrich Gaskets is currently manufacturing and supplying the entire range of Industrial Gaskets from its 25000 m<sup>2</sup> state of the art brand new facility at Chennai, India.

The company was founded in 1987 and has more than 3000 satisfied customers worldwide. "We at Goodrich Gaskets Design, Manufacture, Supply, Install and also provide on-site support for all your Gasket related requirements and problems"



## Strengths

- 24X7 operational facility to meet customer's emergency and shut down requirements.
- Proven track record of performance and reliability with high Gasket Performance.
- Experience over two decades in manufacturing Gaskets & Investment in modern manufacturing technology.
- Complete control over all critical processes including raw materials & preferred by reputed oil majors and EPC contractors.
- Highly skilled engineers for designing products with optimal performance & ability to design products with special requirements.
- Customized product development – working closely with the user groups.
- Quality Assurance Program – Approved by all Major EPC, PMC & PSUs.
- Wide distribution network – Over 3000 Satisfied Customers Worldwide.
- Availability of Gaskets from various locations including back up inventory at factories.

## Industries Served – Various Applications

- |  |                              |                                    |
|--|------------------------------|------------------------------------|
| • Oil & Gas                                    | • Fertilizers & Sugar Plants | • Navy & Ship Building             |
| • Pipelines & Refineries                       | • Steel & Power Plants       | • Aircraft Engines & Missiles      |
| • Petrochemicals                               | • Heat Exchanger             | • Internal Combustion Engines      |
| • Chemical & Pharmaceutical Plants             | • Valves, Pumps & Blowers    | • Pressure Regulators & Strainers; |
| • Fossil, Hydro, Atomic & Nuclear Power Plants | • Compressors and Burners    | • Sight Glasses & Motors           |
| • Cement, Paper & Pulp                         | • Steam & Gas Turbines       | • OEMs Etc..                       |
|  | • Defence & Railways         |                                    |

## Product Range

- API Ring Joint Gasket
- Spiral Wound Gasket & Low Stress Gasket
- Double Jacketed Gasket
- Kammprofile Gasket
- Tanged Graphite Gasket
- Metal Bonded Rubber Gasket
- Flange Insulating Kits
- Corrugated Metal Graphite Gasket
- Metal Reinforced Gasket
- Non Asbestos Gaskets, Packings & Sheets
- Rubber Gaskets & Sheets
- PTFE Gaskets, Packings & Sheets
- Expanded Gaskets, Packings & Sheets
- Graphite Gaskets, Packings & Sheets
- Lens Type Gasket
- Lip Seal
- Valve Seat Laminars
- Valve Seat Rings with & without stellite
- Precision Machined Components
- Ceramic / Glass / Fiber Rope & Gaskets
- Rubber "O" Rings / Rubber Products
- Monolithic Insulating Joints
- Studs & Nuts
- Hammer Unions & Swivel Joints
- Delta Gaskets
- Bridgeman Gaskets
- Weld Ring Gaskets
- IX Seal Ring Gaskets

## Gasket Material in Stock

- 304 / 304L / 316 / 316L / 309 / 310 / 316Ti / 317L / 321 / 347 / 430 / 410 / Alloy 20 / Monel® / Titanium® / Nickel® 200 / Inconel® 600 / Inconel 625 / Inconel X-750 / Hastelloy® B2 / Hastelloy® C276 / Incoloy® 800 / Incoloy® 825 / Duplex, Super Duplex / Zirconium® / Tantalum® / Copper / Phosphor-bronze / Carbon Steel / Aluminium / Soft Iron / LCS / F5 / F9 / F11 / F22 / AISI 105 / AISI 4130
- Nuclear Grade Graphite Sheets / Rolls
- Non-Asbestos Sheets
- PTFE Sheets & Expanded PTFE Sheets
- Rubber Sheets
- Mica Sheets
- Ceramic Sheets
- Vermiculate Sheets

## Shut Down – Mobile Manufacturing

To provide control management on costs for preparation and storage shutdowns, we provide global solutions to meet foreseen delivery times specified and guarantee an optimal quality and security.

### Preparation

- Work on routings and part lists of your equipment
- Information data base creation
- Specific packaging for your gaskets

### Debriefing

- Reporting at the end of shutdown
- Part list update

### Site operation

- Shutdown stock management for standard gaskets
- Troubleshooting all sealing systems
- Cutting and/or storage on site
- Technical support for installation (site supervision)
- Flange control and/or sealing faces machining on site
- Torque, Moment & Axial Load calculations
- Tightening with torque wrench or with tensioners
- Sub-contractors' man power training on best practices



## Ring Type Joint Gasket

"RTJ" (Ring Type Joint) gaskets are manufactured in accordance with API-6A, 17D and ASME B16.20 specifications. RTJs have "R" numbers assigned to them for pipe size and pressure class identification. Stock materials include soft iron, low carbon steel, 4-6 chrome (F5), 304, 304L, 316, 316L, 347, Monel, Inconel, Incoloy, Duplex, Super Duplex etc...

### Ring Type Joint - (API Ring Joint Gaskets)

API ring joint gaskets come in two basic types, an oval cross section and an octagonal cross section. These basic shapes are used in pressures up to 10,000 psi. The dimensions are standardized and require specially grooved flanges.

### Special Ring Type Joint Gasket

For critical and non standard applications, where ring type joints are unsuitable in their standard form, GOODRICH offers a range of specialized ring type joint gaskets to suit the needs of the petrochemical industry.



### BX and RX Ring Gaskets

The BX ring gasket differs from the standard oval or octagonal shape in a way that it is square in cross section and tapered in each corner. BX can only be used in API 6BX flanges. RX ring gaskets are similar in shape to the standard octagonal ring joint gasket but their cross section is designed to take advantage of the contained fluid pressure in effecting a seal. They are both made to API 6A specifications.

## Double Jacketed Gasket

A "Heat Exchanger Gasket" is a term that has been given to the gasket that is called out for use in an exchanger. The make up of the gasket or type varies due to the operating conditions of the exchanger.

Jacketed gaskets can come in different Types like; double jacket, single jacket. Soft compressible material can be PTFE, Non-Asbestos, Graphite & Ceramic.

### Types of Jacketed Gaskets

1. Single Jacketed Gasket
2. Double Jacketed Gasket
3. Corrugated Metal Jacketed Gasket with Graphite on Top & Bottom



## Tanged Graphite Gasket & Sheets

Reinforced expanded graphite gasket are punched or cut from pure expanded graphite sheet or reinforced expanded graphite sheet. Reinforced expanded graphite gasket has excellent corrosion resistance, high and low temperature resistance. Reinforced expanded graphite gasket has good compression resilience and high intensity.

Reinforced expanded graphite gasket can be cut into all kinds of circular, complicated geometric expanded graphite cut gasket. Reinforced expanded graphite gasket is widely used in pipe, valve, pump, pressure vessel, thermal exchanger, condenser, engine, air compressor, exhaust tube, refrigerating machine, etc.

We offer expanded graphite cut gaskets with SS304 insert, SS304L insert, SS316 insert, SS316L insert, thin plate insert and other inserts.



**Note:** Tanged Graphite Gaskets can be produced for Nuclear Application using Nuclear Grade Graphite.



## Kammprofile Gasket

The Kammprofile is the preferred gasket when improved performance at low seating stresses is required. It features excellent anti-blowout properties associated with the reliability of a solid metal-to-metal seal combined with soft sealing face to ensure a tighter joint. Kammprofile is an ideal replacement for problem applications associated with jacketed gaskets.

### Improved Performance

- 1) Permits a tighter joint under operating conditions.
- 2) Results in reduced emissions.
- 3) Compensates for fluctuating ranges of temperature and pressures.
- 4) Manufactured for all flanges including class 150# to class 2,500# & PN designated flanges.
- 5) Easy to install and effortless to remove.
- 6) Improves plant efficiency
- 7) Maintains a tight seal over variable range of bolt stresses.



### Design Features

- 1) Fabricated in nominal pipe size and pressure.
- 2) Configured in standard shapes for heat exchanger application.
- 3) Available with centering ring for use on raised face flanges.
- 4) Metal cores available in soft iron, stainless steel and exotic materials.
- 5) Standard surface materials of flexible graphite, nuclear grade graphite or Expanded PTFE.
- 6) Low seating stress & Optimum combination of solid core with soft sealing face.

## Precision Machined Seals

We specialize in manufacturing complex gaskets and seals to our customer's designs for use in very demanding sub sea applications. These are produced mainly from exotic alloys including 625, 825 and Monel, and range from 30mm to 750mm in diameter. Typically they will have a variety of complex angles, grooves and good surface finish requirements.

We also specialize in complex machined components to our customer's designs. We work closely with our customers and suppliers to deliver quality, cost effective components on time. We work for a variety of industries including oil and gas, heavy automotive, railway and metal processing. Our modern machine tools are complimented by our CAD/CAM and Factory master production control system.



## Non-asbestos Gasket & Sheets

Non Asbestos Gaskets are used as heat exchanger gaskets, compressor and bonnet valve gaskets and in pipe flange applications etc.

Compressed Non Asbestos Fiber Gaskets are circle cut or die cut gaskets from compressed non asbestos jointing, manufactured from carefully picked fiber intimately blended with suitable heat resistant binders and vulcanized into sheets of homogenous compositions and uniform thickness.



## PTFE / Expanded Gaskets, Seals & Sheets

Goodrich Gasket offer qualitative assortment of Polytetrafluoroethylene (F4, PTFE), which are widely used in national defense, atomic energy, petroleum, wireless, electric machinery and chemical industries etc. Our range has the following properties:

- Long term application temperature: 250°C to (-)200°C
- Low temperature: Soft even at (-)100°C
- Corrosion resistance: Resistant to aqua regia and all organic solvents
- Weather resistance: Best aging life in plastic, high lubricants
- Smallest coefficient of friction in plastic: 0.04
- Adhesion: Smallest surface tension in solid materials, nontoxic & physiologically inert, excellent behaviour of electricity



### Expanded PTFE Gaskets:-

Offering versatility and convenience in the form of a highly conformable flexible strip is the expanded PTFE gasket by Goodrich Gasket Pvt Ltd that is used in non-standard flange applications. It is also a backup sealing option under non availability of conventional gaskets.

Expanded PTFE gaskets are suitable for temperatures ranging up to 250°C and for cryogenic applications like hydraulic systems, water supply systems, ventilation ducts, fan housing, fume ducts, pneumatic systems, engine case doors etc.

## Spiral Wound Gasket

Spiral Wound Gaskets are extremely popular and widely used. A spiral wound Gasket is manufactured by spirally winding a preformed metal strip and a filler on the outer periphery of metal winding mandrels. The winding mandrel outside diameter forms the inner diameter of the Gasket and superposed metal and non-metallic windings are continually wound until the required outer diameter is attained. This engineered product is tailor made to be compatible with the flange closure in which it is to be used.

They are more resilient than any other type of metallic Gasket with the exception of pressure sealing metal Gaskets and, as a consequence, can compensate for flange movement that may occur due to temperature gradients, variations of pressure and vibration.



They can be used over the complete temperature range from cryogenic to approximately 2000° degrees Fahrenheit. This type of Gasket can be used in all pressures from vacuum to the standard 2500 PSI flange ratings.

**Note:** Spiral Wound gaskets can be produced for Nuclear Application using Nuclear Grade Graphite Filler.

## Insulating Kit Gasket Set

Insulating sets are essentially used for pipeline flange corrosion protection, where a seal is required between dissimilar flange materials. The use of dissimilar metallic flanges with a conductive gasket material accompanied by a suitable electrolyte may set up a galvanic cell which will corrode the anodic metal. Insulating sets are also used to electrically isolate flange joints, preventing the flow of electrostatic charge along pipelines.

Goodrich Gasket offers three standard types of insulating sets to suit raised face, flat face, and ring grooved flanges.

1. Goodrich Insulation Gaskets Type "F" for Raised Face Flanges
2. Goodrich Insulation Gaskets Type "E" for Full Face Flanges
3. Goodrich Insulation Gaskets Type "D" for Ring Joint Gaskets



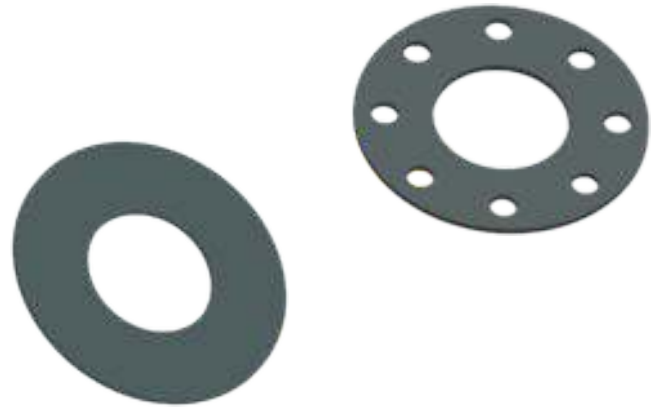
## Rubber Gasket, “O” Rings, Seals & Sheets

Our range of O rings & gaskets is applied in various sealing mechanisms. This range of products is used for chemicals, centrifugal pumps, generators, cement, marine industry, hydraulic cylinders, pumps, pneumatic applications in earth moving machines. The specifications of the range are provided as follows:

**Range for 'O' Rings :** Available in diameter range of 5 mm to 2000 mm and various cross sections.

**Range for Gaskets :** From 15 NB to 2000 NB and pipe sizes, made from polymer - Natural, Nitrile, EPDM, Neoprene, SBR, Viton, Silicon, Butyl, Lead Free Rubber Grades are also available for Nuclear Applications.

We offer a wide range of elastomeric gaskets which consist of base polymers with the insertion of vulcanizing agents, fillers, pigments and various additives. They have relatively soft compression characteristics, which ensure excellent recovery properties due to their self energizing behaviour.



All our products adhere to the international quality standards and are accredited with several quality certifications. The products are manufactured from premium quality rubber that has excellent elasticity that enables our rubber gaskets to maintain a perfect seal after creating a pressure on the contact surface. These products are available in different sizes and shapes as specified by our esteemed clients.

## Corrugated Metallic Gasket

**TEPHONEX GASKET - With Expanded PTFE sealing element**  
Chemically inert, Forms a tight seal under low bolt load, Conforms to minor sealing surface imperfections & withstands temperatures to 500° F(260° C)

**TEPHOGRAF GASKET - With graphite and Expanded PTFE sealing element**

- Combines fire safety with chemical resistance, Conforms to minor sealing surface imperfections, Rigid yet compressible

**CORRUGRAF GASKET - With flexible graphite sealing element**

Accommodates a wide range of temperatures, Seals effectively during thermal cycling, Fire safe-withstood API and fire tests, Chemically resistant & Long service life.



The superior technology of the CORRUGATED family of gaskets ensures excellent sealing performance and reliability, even in the most difficult applications. All the three styles combine a corrugated metal core with a compressible sealing element of various materials, for resistance to a wide range of harsh conditions, including extreme temperature, corrosive chemicals, and thermal cycling.

## Packing Ropes & Rings

Goodrich Gasket offers a complete line of high performance packing for pumps, valves, and other rotating equipments.

We also offer packing for special purpose applications such as soot blowers, rotary steam joints, agitators, door seals, and knife gate valves etc.



## Monolithic Insulating Joint

Goodrich Gasket manufactures Monolithic Insulating Joints in accordance with the highest technical standards which guarantees that mechanical requirements (torque, traction, bending, etc.) are met for the specific needs of a plant.

They are designed according to ASME VIII, Division I

We have the facilities to do, all non-destructive tests like

- Hydrostatic Test
- Pneumatic Test
- Radiographic Test
- Ultrasonic Test
- Magnetic Particle Test
- Penetrant Test
- High Voltage Breakdown Test
- Electrical Resistance Test

Coating facility is available in house.



## Studs & Nuts

Goodrich Gasket is an API-17D certified manufacturer of Grade B7/2H Studs & Nuts. With proven ability to produce specialty stainless steel fasteners to the customer's unique specifications and drawings, we provide the client with the highest quality products and the best customer service available in the industry.

Goodrich Gasket offers a variety of coating systems for stainless steel fasteners that are specifically selected to meet customer's performance specifications. Coating and plating options include:

- Zinc Plating for Standard Products
- Xylan Coating for Extreme Heat & Pressure
- Cadmium Plating
- Other special Coating like PTFE etc for other applications



## Hammer Union

Goodrich Hammer Unions are from steel forgings or as per pressure rating. Goodrich manufactures Hammer Unions with API line pipe threads, Butt weld with Standard schedules or as per customer requirement.

Goodrich manufactures all hammer unions for Standard service and for Sour service conforming to latest NACE specification. All hammer unions are specially heat treated for controlled hardness.

Goodrich hammer unions are interchangeable with major brands.





## Plant Tour



## Gasket Testing Service





## Third Party Inspection Approval

## ONGC - Approval

|   |   |  |                     |
|---|---|--|---------------------|
|  | <b>Offshore Design Section</b><br><b>Engineering Services</b><br><b>180 - 9001-3500</b> | <b>CORRESPONDENCE WITH</b><br><b>EXTERNAL AGENCY</b> | <b>Page: 1 OF 1</b> |
|---|---|--|---------------------|

|   |   |               |                 |        |                          |
|---|---|---------------|-----------------|--------|--------------------------|
| <b>QA &amp; Vendor Cell, Offshore Design Section, Offshore Engineering Services, ONGC, 8<sup>th</sup> floor, 11-High, Bandra - Sion Link Road, Sion West, Mumbai - 400017, India.</b> | <table style="width: 100%;"> <tr> <td style="width: 50%;">Telephone No.</td> <td style="width: 50%;">+91-22-24006028</td> </tr> <tr> <td>E-Mail</td> <td>raib_grubheep@ongc.co.in</td> </tr> </table> | Telephone No. | +91-22-24006028 | E-Mail | raib_grubheep@ongc.co.in |
| Telephone No.   | +91-22-24006028   |               |                 |        |                          |
| E-Mail  | raib_grubheep@ongc.co.in  |               |                 |        |                          |

|   |  |            |                                  |      |                 |
|---|--|------------|----------------------------------|------|-----------------|
| <b>From: Pradheep M. Naik, CEE(B), Vendor Cell &amp; QA</b> | <table style="width: 100%;"> <tr> <td style="width: 50%;">Letter No.</td> <td style="width: 50%;">ONGC/Vendor Cell/Peng-23/001770A</td> </tr> <tr> <td>Date</td> <td>August 21, 2010</td> </tr> </table> | Letter No. | ONGC/Vendor Cell/Peng-23/001770A | Date | August 21, 2010 |
| Letter No.  | ONGC/Vendor Cell/Peng-23/001770A   |            |                                  |      |                 |
| Date  | August 21, 2010  |            |                                  |      |                 |

|   |  |
|---|--|
| <b>To:</b><br><b>Goodrich Gasket Pvt. Ltd.</b><br><b>40, Vaidhul Village, Next to Padmapad Eswari Temple,</b><br><b>Opp. Road to: Padmapad Arjanagar Hill Temple,</b><br><b>Vandur - Kolahalkere Road, Chennai - 600048</b><br><b>E-mail: ggg@goodrichmkt.in, info@goodrichmkt.in</b> |  |
|---|--|

Dear Sir,

Re: **ONGC Vendor Enlistment for Suggested Vendor List of Offshore Engineering Services - Evaluation of Pre - Qualification Documents submitted by Goodrich Gasket Pvt. Ltd. For Gasket.**

Dear Sir,

This has reference to the Pre - Qualification Documents submitted to ONGC. The documents were evaluated and we have much pleasure in informing you that M/s Goodrich Gasket Pvt. Ltd. is found to be technically acceptable and has been approved on a probable basis for the supply of Gasket. The name of M/s Goodrich Gasket Pvt. Ltd. will be included in the next revision of the suggested vendor list of Offshore Engineering Services.

Best regards,



Pradheep N. Naik, CEE(B)  
QA & Vendor Cell



## EIL - Approval

## Third Party Inspection Approvals

- EIL
- LRA
- DNV
- BVIS
- PDIL
- RITES
- SGS
- TUV
- BAXCOUNSEL
- TPL
- UHDE
- NPCIL
- TECHNIP KTI
- NTPC
- QUEST
- TOYO
- ICS
- CEIL
- SAIL
- ONGC
- MECON
- BHEL(CQS)



**ENGINEERS  
INDIA LIMITED**  
(A Div. of India Unilever Ltd.)



**ENGINEERS  
INDIA LIMITED**  
(A Div. of India Unilever Ltd.)

**Procurement Development Department**

D<sup>o</sup> Mar. 2014

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Ref: EIL/PPD/0005/01/02

M/s Gundlach Electrical Pvt. Ltd.  
40, Velsuvaru Village  
Vandalur-Koratturam Road  
Chennai - 600 048

**Subject : Revitalisation and Enhancement of Enlistment with EIL**

Dear Sirs,

We refer to your application on subject matter and are pleased to inform that your enlistment with EIL has been considered and enhanced for the items as described below:

| Item Description  | Unit/Range          | Quantity | Remarks        |
|-------------------|---------------------|----------|----------------|
| <b>Gaskets</b>    | Disc                | 1000000  | Revised        |
|                   | Trunk Adapters      | 1000000  |                |
|                   | Spinal Wrench       | 1000000  |                |
|                   | 48"                 | 1000000  |                |
|                   | 60"                 | 1000000  |                |
|                   | Steel Jacket        | 1000000  | New item added |
|                   | HT/Lo Gasket Flange | 1000000  |                |
|                   | Manhole & Soil Pipe | 1000000  |                |
|                   | Ring Joint          | 1000000  |                |
|                   | 36"                 | 1000000  |                |
| Insulating Joints | 1000000             |          |                |

(The enlistment is valid for your works located at 40, Velsuvaru Village, Vandalur-Koratturam Road, Chennai - 600 048)

Please note that this enlistment is subject to satisfactory execution of orders in delivery and quality of above mentioned items when ordered for our various projects.

Further, it may be noted that any change in the product range, location of Workplaces Office, Management Organisation structure etc. shall be intimated to us immediately along with relevant document for our necessary action. In case, information to any of the above referred change is not intimated timely, our enquiries may not reach you.

Enlistment with EIL shall not guarantee any regular flow of enquiries.

In the event of direct / indirect orders for EIL associated projects, materials will be supplied strictly as per the material / range / works as stated above including agreed responsibility matrix, if applicable, failing which your enlistment with EIL, is liable to be cancelled.

The validity of this ENLISTMENT is upto 30<sup>th</sup> November, 2015.

You are advised to apply for enlistment "online" 6 months before expiry of the enlistment. Detailed procedure for enlistment can be seen on our website: [www.eilindia.co.in](http://www.eilindia.co.in).

Thanking you,

  
 Dy. General Manager  
 Procurement Development Department

Stamp: 01/03/2014

Stamp: 01/03/2014

Stamp: 01/03/2014

Stamp: 01/03/2014

Stamp: 01/03/2014

Stamp: 01/03/2014

## Quality Approval Certificates

Responsible environmental practices are crucial to Goodrich Gasket's long-term success and are an integral part of our organization's core values.

Every product we manufacture or distribute is designed to facilitate a comfortable coexistence between development, production and/or distribution activities.

Goodrich Gasket embraces quality, health and safety objectives as core business values and is committed to pursuing the highest standards of HSE performance.


We are dedicated to achieve customer satisfaction by producing quality products, delivering on time with competitive prices alongside continual improvement in process, product & system.

Goodrich Gasket is ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company.




# Quality Approval Certificates

## API-6A & API-17D Approved



**American Petroleum Institute**



2015-313

**Certificate of Authority to use the Official API Monogram**  
**License Number: 6A-0722** **ORIGINAL**

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The American Petroleum Institute hereby grants to  
**GOODRICH GASKET PRIVATE LIMITED**  
**No. 40, Velichai Village, Next To Pasupathi Eswaran Temple**  
**Opp. Road To Pudukkham Anjaneyar Hill Temple, Vandalur -**  
**Kelambakkam Road**  
**Chennai, Tamil Nadu**  
**India**

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-6A** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6A-0722**


The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.


The scope of this license includes the following: Ring Joint Gaskets

QMS Exclusions: Servicing


**Effective Date: MAY 19, 2017**  
**Expiration Date: FEBRUARY 22, 2020**

To verify the authenticity of this license, go to [www.api.org/compositelist](http://www.api.org/compositelist).

  
 Lisa Salley  
 Vice President, API Global Industry Services



**American Petroleum Institute**



2015-313

**Certificate of Authority to use the Official API Monogram**  
**License Number: 17D-0070** **ORIGINAL**

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**No. 40, Velichai Village, Next To Pasupathi Eswaran Temple**  
**Opp. Road To Pudukkham Anjaneyar Hill Temple, Vandalur -**  
**Kelambakkam Road**  
**Chennai, Tamil Nadu**  
**India**

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In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **17D-0070**


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 Lisa Salley  
 Vice President, API Global Industry Services



## Valued Customers



## Major Customer Reference List

- |                  |                  |               |                        |                |
|------------------|------------------|---------------|------------------------|----------------|
| • ABAN           | • DRESSER        | • HPCL        | • NAFTOGAS             | • SAUDI ARAMCO |
| • ADANI GROUP    | • EIL            | • HPL         | • NLC                  | • SCHLUMBERGER |
| • ADNOC          | • EMERSON        | • IFFCO       | • NPCIL                | • SHELL        |
| • AIR LIQUID     | • EOL            | • IL          | • NSSL                 | • SPIC         |
| • ALFA LAVAL     | • ESSAR PROJECTS | • INDCON      | • NTPC                 | • TCE          |
| • ALSTOM         | • FERNAS         | • IOCL        | • ONGC OFFSHORE        | • TECHNIMONT   |
| • ARMSTRONG      | • FLOWSERVE      | • ISRO        | • ONGC PROCESS PLANTS  | • TECHNIP      |
| • AUDCO          | • FMC            | • JACOBS      | • PDIL                 | • TEMA         |
| • BECHTEL        | • FOSTER WHEELER | • JOHN ENERGY | • PDO                  | • THERMAX      |
| • BG EXPLORATION | • GAIL           | • JSW         | • PETRON               | • TOYO         |
| • BHEL           | • GASCO          | • KAZSTROY    | • PETRONET             | • TPL          |
| • BPCL           | • GNFC           | • KRIBHCO     | • PRECISION EQUIPMENTS | • TRACTEBEL    |
| • CAIRN          | • GSFC           | • L&T VALDEL  | • PUNJ LLOYDS          | • TYCO         |
| • CAMERON        | • GUJARAT GAS    | • L&T-ECC     | • RELIANCE             | • UHDE         |
| • CCI            | • HARDY          | • LURGI       | • SAIL                 | • VATECH       |
| • CIRCOR         | • EXPLORATION    | • MCC PTA     | • SAIPEM               | • VIRGO        |
| • CPCL           | • HAZIRA - LNG   | • MECON       | • SAMSUNG              | • WOM          |
| • DOAE           | • HMEL - MITTAL  | • METSO       |                        | • WOOD GROUP   |
| • DOOSHAN        | • ENERGY         | • MITSUBISHI  |                        |                |

## Export



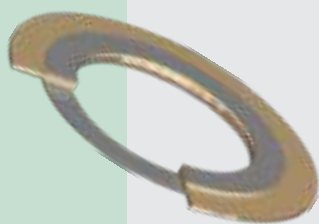
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- Bahrain
- Brasil
- Brunei
- Canada
- Chile
- Czech Republic
- Egypt
- France
- Germany
- Indonesia
- Iran
- Iraq
- Japan
- Kazakhstan
- Kenya
- Korea
- Kuwait
- Libya
- Malaysia
- Mexico
- Nigeria
- Norway
- Oman
- Poland
- Qatar
- Saudi Arabia
- Singapore
- South Africa
- Thailand
- Turkey
- UAE
- UK
- USA
- Venezuela

### Ask the Expert

When you contact Goodrich Gaskets for your sealing issue, you access all experience and expertise of our teams for:

- Specification and advise on the best products and solutions
- Gaskets manufacturing and cutting.
- Shutdown management
- Engineering and technical expertise
- New products development
- Technical awareness and people training

Our technical expertise & experience in the most critical process industries in India & Abroad enables us to provide you the most adaptive products for your needs in critical and severe environments: high temperature, high pressure and corrosive environment.



### Sheet Jointing Materials

- Graphite Packings & Sheets
- PTFE Packings & Sheets
- Expanded Packings & Sheets
- Non Asbestos Packings & Sheets
- Rubber Sheets

### Gaskets

- API Ring Joint Gasket
- Spiral Wound Gasket & Low Stress Gasket
- Double Jacketed Gasket
- Kammprofile Gasket
- Tanged Graphite Gasket
- Metal Bonded Rubber Gasket
- Corrugated Metal Graphite Gasket
- Metal Reinforced Gasket
- Lens Type Gasket
- Non Asbestos Gaskets
- Rubber Gaskets
- PTFE Gaskets
- Expanded Gaskets
- Graphite Gaskets

### Other Products

- Flange Insulation Kits
- Monolithic Insulating Joints
- Studs & Nuts
- Hammer Unions & Swivel Joints
- Rubber "O" Rings / Rubber Products
- Ceramic / Glass / Fiber Rope & Gaskets
- LIP Seal
- Precision Machined Components
- Valve Seat Rings with & without stellite
- Valve Seat Laminars

## Goodrich Gasket Private Limited

No. 40, Velichai Village (Next to Pasupati Eswaran Temple),  
Opp. Road to Pudupakkam Anjaneyar Hill Temple,  
Vandalur-Kelambakkam Road, Chennai - 600 048, Tamilnadu, INDIA.  
Telephone : +91-44-2749 8022 / 8033 / 6740 0000 to 99 (100 Lines)  
Telefax : +91-44-2749 8055  
Domestic Sales: [info@flosil.com](mailto:info@flosil.com) / [goodrichgasket@gmail.com](mailto:goodrichgasket@gmail.com)  
Export Sales : [export@flosil.com](mailto:export@flosil.com)  
Website : [www.goodrichgasket.com](http://www.goodrichgasket.com) ; [www.flosil.com](http://www.flosil.com)  
Video Profile : <https://www.youtube.com/watch?v=l6cbi7Qto8>

Distributor / Representative