

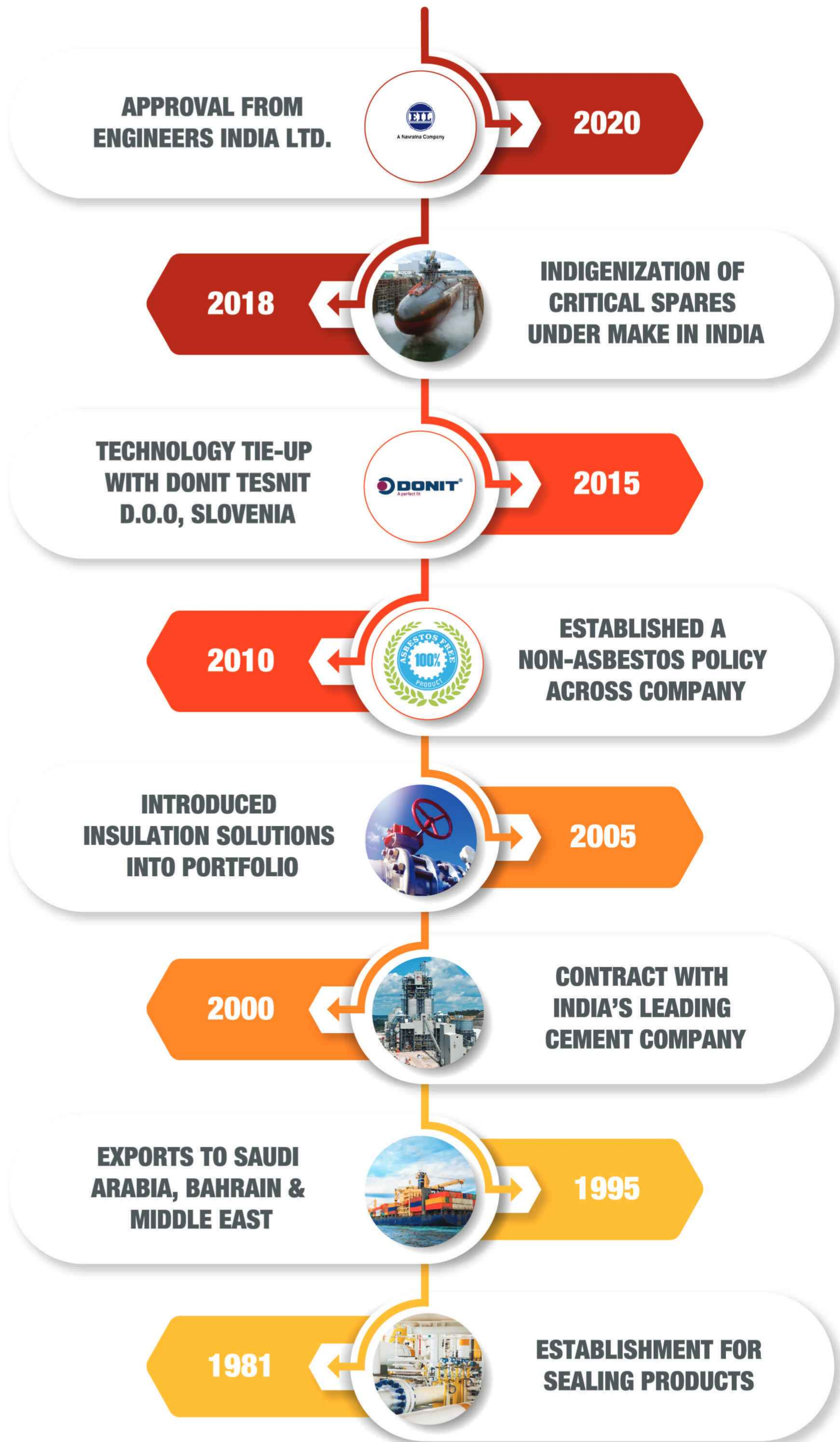


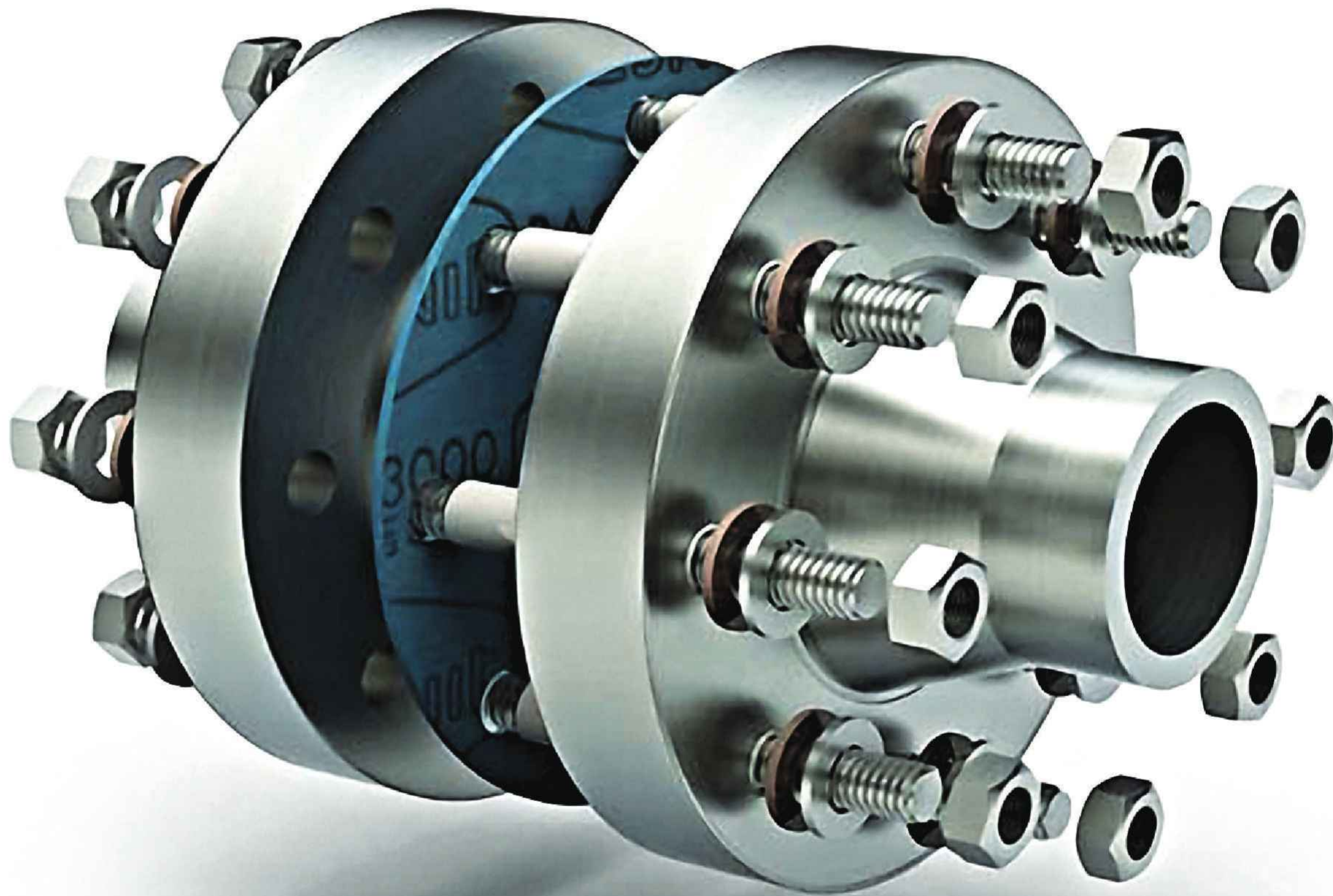
PREVENTIVE MAINTENANCE

THE SECRET TO COST-EFFECTIVE PRODUCTION



OUR MILESTONES





ABOUT US

We at **PGE Industries Pvt. Ltd.** are pioneers in Industrial Sealing Technology since 1957. Keeping in mind Occupational Health & Safety, Environment, ISO 14001 & ISO 45001 concerns, we offer our range manufactured from certified **100% AsbestosFREE** solutions only. We regularly consult and share technology on how to move from Asbestos to AsbestosFREE Sealing while reducing procurement cost by upto 50%.

Offering multi-faceted deals to our prestigious customers, our products are recognized for easy installation, rigid construction, fine quality, heat resistance, temperature resistance, flexibility, perfect finish, high tensile strength, low maintenance, high pressure & temperature resistance and excellent compression, conforming to the various industrial norms and standards.

SEALINGS

PGE Industries Pvt. Ltd. has over 50 years experience in Sealing Technology ranging from Soft Gaskets (**100 % AsbestosFREE**) to Semi-Metallic (Spiral Wounds) and Gland Packings (Graphite, PTFE, Aramid) for Pumps, Compressors, Valves and even specialized Heat Exchanger Gaskets.

Along with our European Technology partner DONIT Tesnit, d.o.o. Slovenia we offer their complete range of TESNIT™ (Fiber based Soft Gaskets), GRAPHILIT™ (Graphite based Gaskets), DONIFLON™ (Modified PTFE Gaskets).

DONIT Tesnit is Europe's largest manufacturer of nonAsbestos gasket sheets offering multiple quality and product approvals including BAM (For Oxygen), TA-LUFT (Fugitive Emissions), WRAS (Drinking Water), API 607 (Fire Safety), FDA (Food Safety), ABS (Maritime) certifications.

PGE® is your partner to replace Carcinogenic Asbestos Fiber (CAF) in factories and replace them with solutions that last 5x times longer. Our solutions are geared towards your application and ensure longer production cycles and with a high focus on controlling Fugitive Emissions for environmental safety. We even conduct technical training on sealing installation as well as gasket selection & calculation of strength. After all, you are only as strong as the weakest link in your equipment. We offer these solutions in either Cut Form, Insulation Kits or Sheets as per your requirement. These gaskets find applications in various industries such as:



SHIPBUILDING



FOOD



PHARMACEUTICAL



OIL & GAS



CHEMICAL



WATER



MINING & METALLURGY



CASTING & FOUNDRY



CONSTRUCTION



POWER PLANT



INDUSTRIAL EQUIPMENT



PUMPS, COMPRESSORS & VALVES

MANUFACTURED
IN INDIA



REGISTERED WITH



A Navratna Company

INSULATION

In simple language, insulator's job is to let hot things remain hot. However, heat is different than fire and majority of all traditional insulations like Ceramic, Mineral Wool and Fiberglass will melt or burn when exposed to flame. **PGE® FURNAX™** is our development of Fire Proof Insulation Solution.

Made from nonwoven needle punch method, we use Graphene™ Fibers from our Japanese Technology partner to ensure **100% AsbestosFREE** Insulation, Safety Cloth, Welding Blankets, Welding Curtains, Welding Pads and Fire Safety.

PGE® FURNAX™ felt is lightweight, smoke free, non-itching, extremely soft and fabric like that can handle high welding splatters, high temperatures when used in multiple folds.

PGE® FURNAX™ felt is our solution for fire safety and was developed by us to resolve some of the problems currently customers are facing such as:

- **Asbestos Cloth is a health hazard and banned by ISO 45001**
- **Ceramic Cloth and Fiber Glass Cloth is extremely itchy and difficult to use**
- **Coated Ceramic Cloth is slightly itchy but expensive**
- **Most of this cloth in roll form is heavy and difficult to carry around the factory premises**
- **Ceramic, Fiber Glass and Coated Ceramic also suffer from the problem of Welding Splatter piercing through the cloth itself**
- **Ceramic, Fiber Glass and Coated Ceramic all release a dangerous smoke when exposed to fire and flame**

PGE® Pipe Wrapping Tapes with Aluminium Pre-Cladding and Adhesive backing ensures easy installation. These are also available in multiple colours for additional plant safety and pipe identification.



OUR PRODUCTS



DONIT TESNIT®



DONIT GRAFILIT®



DONIT DONIFLON®



DONIT MICALIT®



PGE® NON ASBESTOS GASKETS



PGE® GRAPHITE GASKETS



PGE® CUT GASKETS



PGE® SEALPRO GASKETS



PGE® PILOSEAL GASKETS



PGE® ENVELOPE GASKETS



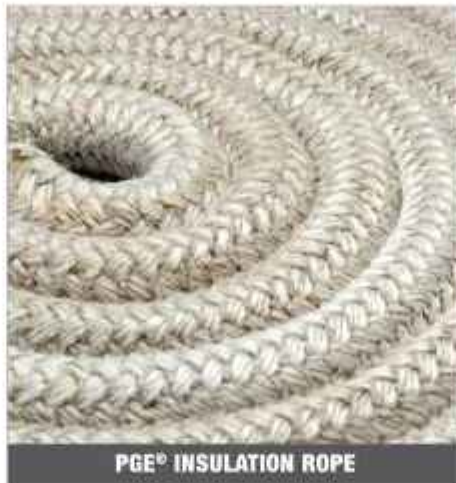
PGE® GASKETS WITH METAL EYELET



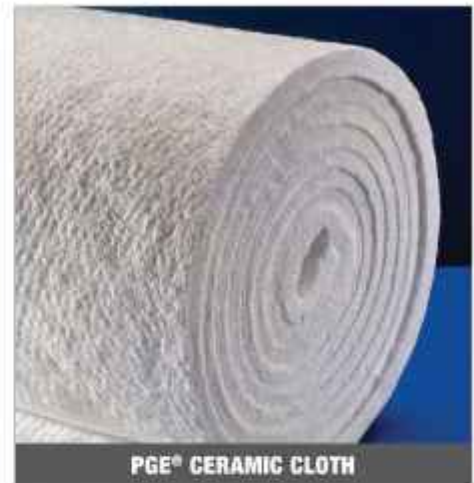
PGE® VERMICULITE EQUIVALENT



PGE® NON ASBESTOS MILLBOARD



PGE® INSULATION ROPE



PGE® CERAMIC CLOTH



PGE® INSULATING GASKET KIT



PGE® RTJ GASKETS



PGE® FURNACE FELT



PGE® GRAPHITE MOULDED RINGS



PGE® GLAND PACKINGS



PGE® EPTFE TAPE



PGE® FE PACKING SETS



PGE® O RINGS



PGE® THERMOPLASTIC

MANUFACTURING FACILITY AND QUALITY CONTROL

MANUFACTURING FACILITIES



KAMMPROFILE MACHINE



SWG MACHINE



CNC & MILLING MACHINE



LASER MARKING

A complete Asbestos Free Manufacturing Facility in compliance with ISO regulation.

TESTING FACILITIES



TENSILE



COMPRESSIBILITY



HOT AIR OVEN



VMM

- Our quality systems comply to and are certified by ISO 9001, 14001, 45001
- In house testing facility for testing the raw material inspection and finished good quality control in accordance with ASTM F36J, ASTM F146, ASTM F152 and DIN standards
- Clean room manufacturing as per ISO 14644-1

CASE STUDY

An Indian Refinery used to procure 7000kgs of 3mm Thick CAF Metallic Sheets in kilograms. This would result in approx 440 sheets delivered @ approx INR 440/- per kg costing them INR 31.5L annually. When they changed their requirement to sq mtr they still needed only 440 Sheets and the nonAsbestos alternatives offered by PGE® only cost them INR 22.8L. Not only did they save INR 8.7L per year but they also improved their Occupational Health Safety Standards by moving away from Chrysolite Asbestos Fiber (CAF) Gasket Sheets.



CERTIFICATIONS

Our sealing and safety solutions are equipped with class leading certifications that are demanded by various industries.



FDA / EC 1935/2004

The Food and Drug Administration (FDA or USFDA) is responsible for protecting and promoting public health through the control and supervision of food safety.



WRAS

The Water Regulations Advisory Scheme (WRAS) is a conformance mark that covers all plumbing systems, water fittings, and equipment supplied, or to be supplied, with water from the public water supply. WRAS certification ensures that the gasket is suitable for potable water application.



API 607 / ISO 10497

API 607 / ISO 10497 is a fire test certification for sealing gaskets. These gaskets can prevent leakage for up to 30 mins in case of external fire.



BAM OXYGEN

This certification is done for a sealing material against its reactivity with oxygen.



ABS/DNVGL

ABS (American Bureau of Shipping) is a certification exclusively used by marine industry for gaskets to be used in them so that they are able to with stand corrosive marine environment.



TA-LUFT

The TA LUFT is a regulation covering air quality requirements including emissions, ambient exposures and their control methods applicable to a number of pollutants from a range of stationary sources. TA - LUFT is based on leakage test approval complying to Fujitive Emissions.



EIL

Engineers India Limited (EIL) approval for supply of gaskets for oil & gas, petrochemicals, and refineries.

INDUSTRY-WISE CERTIFICATIONS

INDUSTRY CERT.	FOOD/ PHARMA	WATER SUPPLY	PAPER	OIL & GAS	CHEMICAL	STEAM SUPPLY	SHIP BUILDING	IRON & STEEL	POWER
FDA/ EC 1935/2004	✓	✓							
WRAS	✓	✓							
TA-LUFT			✓	✓	✓	✓		✓	✓
API 607 / ISO 10497			✓	✓	✓			✓	✓
ABS / DNVGL							✓		
BAM OXYGEN			✓		✓	✓	✓	✓	



**OUR
CLIENTS**



SERVING THE INDUSTRIES FOR MORE THAN
HALF A CENTURY AND PROVIDING SOLUTIONS
FOR **UNINTERRUPTED PRODUCTION**

CHEMICAL

SHIPBUILDING

PHARMACEUTICAL

STEEL

FMCG

ENERGY

SEALING SOLUTIONS IMPLIFIED

PGE Industries Pvt. Ltd.

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Corporate Office: 702, 7th Floor, A Wing, Chandak Unicorn, Dattaji Salve Marg, Off Veera Desai Rd, Jeevan Nagar, Andheri (West), Mumbai-400053

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