



 **comdiflex**
readily for you

Readily for you

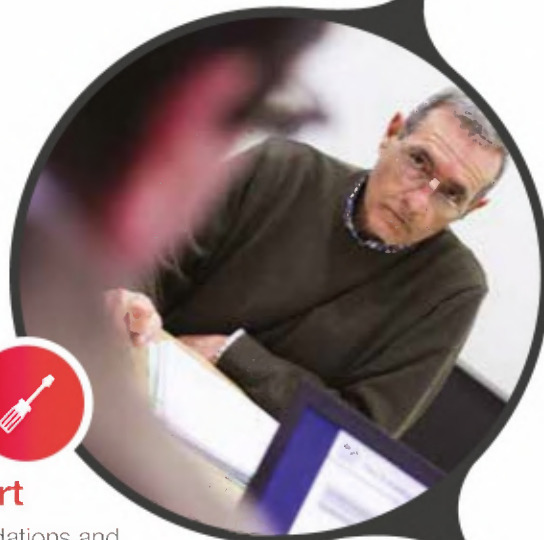
Customer requirements

Our highly skilled and customer oriented team will provide you the best sealing solution, according to ASME, EN, or your specific standards and requirements.



Technical support

From technical recommendations and support, to on – site assistance. We are side by side with many technological centers in the fields on engineering and materials science.



Express delivery

Our facility is located in a highly industrialized area in the north of Spain. Within easy reach of main logistics platforms, as the port of Bilbao.





Analysis & calculation

Special Gasket Calculation Software developed by our engineers, in accordance to the current most advanced international standards, which allows us to provide our customers specific technical advice even for those gaskets that are non-standard size.



Production

Important stock of raw materials in steels and special alloys. Flexible manufacturing process allowing for fast changes and short manufacturing series.



Quality inspection

We invest in production technology to maintain the highest standards of quality. Quality Management System based on ISO 9001, certified by Applus and audited by the main Oil & Gas companies in Spain and the Nuclear Plant Owners of Spain.



PRODUCTS RANGE

Comdiflex manufacture high quality gaskets and textile expansion joints, according to ASME, EN, or customer specific standards.

We supply in very short delivery times, based on:

- Highly reactive sales team.
- Important stock of raw materials in steels and special alloys.
- Flexible manufacturing process allowing for fast changes and short manufacturing series.

Gasket – a “simple” sealing element can be used in a limitless amount of industrial applications. A wide range of special materials, combined with specifically engineering and knowledge transform this “simple” joint material into a **critical component for your industry**.

Today’s industry applications require more precision and promptness than ever before. In *Comdiflex*, we are committed to understanding and meeting our customers’ needs, providing technical support, comprehensive stock and all our knowledge in order to offer you the right sealing solution readily and efficiently.

We provide our customers the right sealing solution, at the right time.



FLAT GASKETS



SPIRAL WOUND GASKETS



CORRUGATED GASKETS



KAMMPROFILE GASKETS



METAL JACKETED GASKETS



OTHER SEALING SOLUTIONS



FABRIC EXPANSION JOINTS





FLAT SOFT METALLIC GASKETS



“Water-Jet Cutting Service for immediate response”

- Comdiflex produces precision-cut flat gaskets to any shape and size from any sheet material.
- Our flat gaskets can be manufactured from an extensive spectrum of materials, rubbers, flexible graphite, PTFE, non asbestos sheet products and a variety of metals and alloys, available in our comprehensive stock.



SPIRAL WOUND GASKETS



“Mechanical durability, high flexibility and exceptional recovery in heavy operation conditions”

- With inner ring, outer centering ring or both.
- Standard sizes acc/to ASME, EN or to customers specifications.
- SS304L, SS316L, SS321.
- Round, oval and special shapes on request.
- Successfully used in a wide range of applications: piping, heat exchangers or pressure vessels on steam, petrochemical, nuclear and marine plants.
- Extraordinary ability to adapt with recovery and flexibility under frequent fluctuations of pressure and temperatures.



CORRUGATED GASKETS



“Temperature and corrosion resistance, mechanical strength and thermal conductivity”

- With inner ring, outer centering ring or both.
- Standard sizes acc/to ASME, EN or to customers specifications.
- Recovery and resilience through thermal cycles
- Low relaxation, high levels of tightness and elevated resistance to radial shear.
- An excellent choice for demanding environments of valves, gas, heat exchangers applications.



KAMMPROFILE GASKETS



“High integrity seals for most demanding environments”

- Solid core with machined grooves and soft material facing (graphite, PTFE, others).
- Pass partition bars with the same profile.
- SS304L, SS316L, SS321 and other materials available.
- Low seating stress, excellent tightness and extraordinary stability.
- Ability to cope with fluctuating temperatures and pressures: heat exchanger's services.
- Suitable for the most difficult applications such as superheated steam, high pressure hydrocarbon or chemical service.



METAL JACKETED GASKETS



“High pressure suitability and blow out resistance”

- Proven sealing elements for use in apparatus construction, heat exchanger applications, pumps or valves.
- Fabricated to customer's specification, with pass partition bars when needed.
- Graphite layers on both sides for use where the gasket sealing area is not perfect.
- Soft Iron, SS304L, SS316L and others available.
- Oval, rectangular or other shapes on request.
- The filler material gives the gasket resilience, while the metal jacket resists pressures, temperatures and corrosion.



OTHER SEALING SOLUTIONS



RTJ – Ring type joints

- Oval, octagonal or special profiles.
- Available with hardness lower than standard, for special applications.
- The ring type joint was initially developed for high pressure (up to 1500 bars) and temperatures (up to 1000°C) found in Oil & Gas Industries. Nowadays it can be found on valves and pipework assemblies.