



Profile

S E A L I N G S O L U T I O N S P A R T N E R

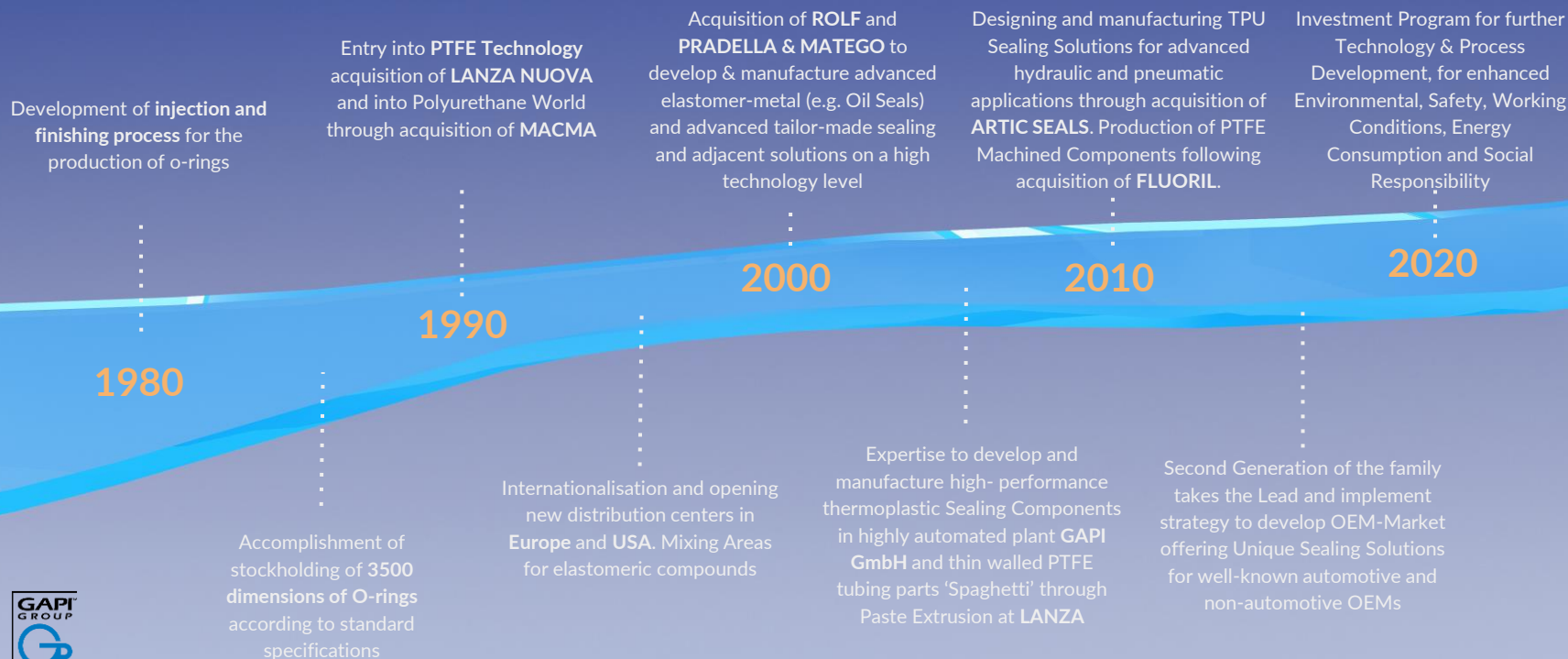
Experience

Founded in 1962 by Pierino Galizzi, GAPI has acquired and advanced cutting edge technologies to offer a wide range of sealing solutions manufactured from propriety high performance elastomeric, PTFE and thermoplastic compounds & materials.

Today **GAPI** is a specialist & partner to supply advanced and cost-effective sealing solutions.

60 years

The main evolutionary stages



Our mission

Offering a wide range of **advanced cost-effective sealing solutions**, designed and manufactured in our own specialized manufacturing units, using propriety elastomeric and PTFE compounds & materials, we ensure high quality, traceability and availability of our products.

We aim in a partnership to contribute to the **success of our customers.**

Gapi combines the structure and operations of a large industrial group, with the attention and advantages that arise from the direct control of the family that founded it:

Family owned



Organizational structure

GAPI GROUP BOARD



BUSINESS UNITS
(TECHNOLOGY &
PRODUCT LEADERSHIP)



Elastomers

PTFE

Thermoplastics

**LOGISTICS &
DISTRIBUTION**



Italy

Germany

Spain

UK

USA

China

**SALES &
BUSINESS
DEVELOPMENT**



OEM
Sealing Solutions

Distribution
Sealing Solutions

Distribution
Stock Shapes

**GROUP
SERVICES**



Quality

HSE

HR

Finance

Administration

Purchasing

Marketing

IT

GAPI Group aims to operate all over the world with a local presence and sales relationships in more than 50 Countries in the world

IDENTITY discover our DNA with us

International Presence, Resources and Partners



GAPI Ltd
Rotherham



GAPI Sealing
System, S.L.U.



GAPI USA Inc.
Clayton (Ohio)



GAPI GmbH
Rösrath



GAPI S.p.A.
Italy

China
Wuxi (Jiangsu)

● HQ

● Lead Center

● Logistic & distribution

● Partner



GAPI S.p.A.
LOGISTIC CENTER
RUBBER Div.
COMPOUNDING Div.



GAPI S.p.A. PTFE Div.



PRADELLA
MATEGO S.p.A.



GAPI S.p.A.
Polurethane Div.



ROLF S.p.A.



GAPI S.p.A. PTFE Div.



ARTIC SEALS s.r.l.

GAPI GROUP HEADQUARTER



IDENTITY

NUMBERS

TECHNOLOGY

PRODUCTS

REFERENCES

As a Specialist in Sealing Technology, we offer what is most important to our customers in a cost-effective way



Our figures



... more than

100 millions euros of
annual turnover



... more than

700 employees
all over the world

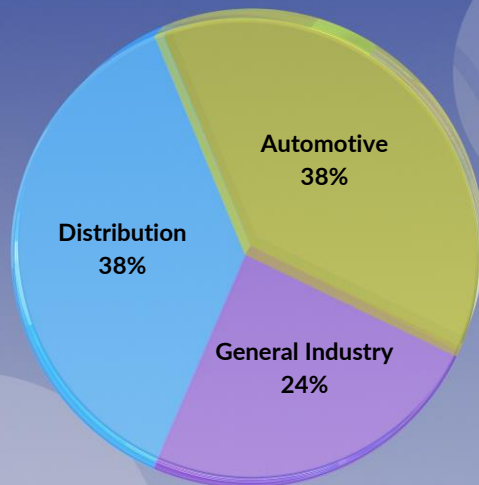


... more than

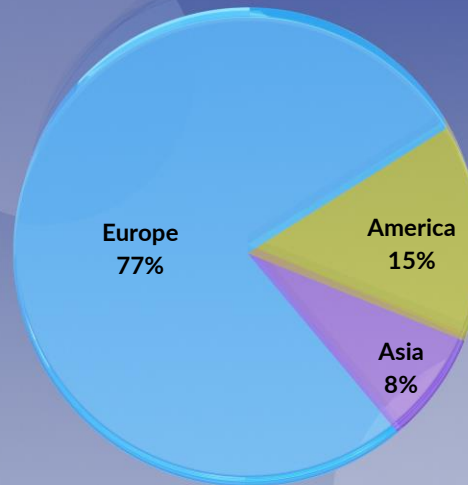
1 billion of Sealing
Solutions & products
made every year

Markets, Regions and Materials

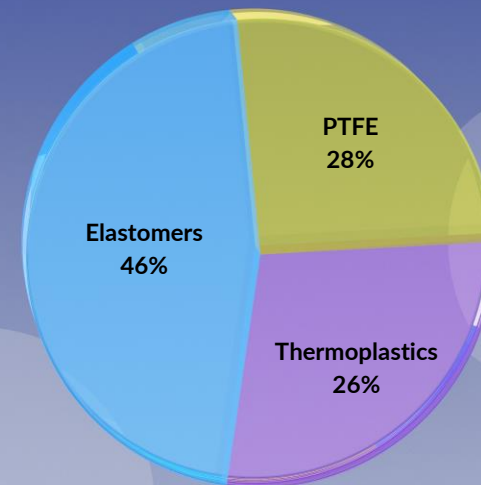
Industrial sector



Regions



Materials



Technology-driven Business Units develop and manufacture advanced cost-effective Sealing Solutions and Engineered Moulded Parts based on proprietary Elastomeric, PTFE and Thermoplastic Materials

Technology-driven Business Units, Lead Centers and Product Groups

BUSINESS UNIT
TECHNOLOGY

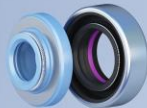
ELASTOMERS

Standard and engineered
Sealing Solutions

Proprietary Compounds



PRODUCT GROUPS
&
LEAD CENTER



Elastomers-Metal Sealing
Solutions



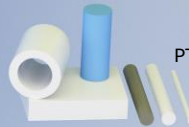
Engineered Moulded Parts
and Sealing Solutions with
high tolerance requirements



PTFE

PTFE Stock Shapes

PTFE Proprietary Compounds



PTFE Sealing Solutions
and Machined Parts



THERMOPLASTICS

Thermoplastic
Elastomer Seals and
Components



Large Polyurethane
Sealing Solutions



High Performance
Thermoplastic
Components



Elastomeric Molded Parts

Our rubber units can make all kinds of profile required by our customer. The possibility to have different technologies in molding, including compression, injection and transfer processes, combined with finishing solutions like cryogenic, tumbling and punching allows us the possibility to choose the best process.

The development and the production in-house of every compound complete the manufacturing cycle.

We have the ability to supply zero defect products with extremely tight tolerances.

O-rings & Back-up Rings

We can manufacture many kind of O-Ring and Back-Up Ring, in rubber, thermoplastic and PTFE.

We are also able to develop and produce special compounds & materials to meet specific functions and applications.

We have a complete program of all standard dimensions in different materials always in stock in all of our logistic centers.

Perfluoroelastomer and FEP/PFA Encapsulated Seals

The more aggressive the environment, the more critical it becomes to optimize seal design and material selection.

High performance fulfilling extreme application requirements and also industry specifications e.g. NORSOK M 710 for Oil & Gas, FDA, 3-A Sanitary Standards, USP Class VI for Food & Beverages and Pharma can be achieved with Gapi's comprehensive range of GPlast™ perfluoroelastomer (FFKM) material grades that offer exceptional chemical and thermal resistance (-45°C to + 330°C).

Encapsulated O Rings and Seals can be a solution in harsh environments as well having a service temperature range of -60°C to +260°C.

Oil Seals

We manufacture a huge range of oil seals in different materials.

We can produce specific profiles for different applications, like white industry, gear boxes, engines, mechanical transmission and pumps.

Our technical team can develop any new seal in co-design with the customer.

Our products are tested to ensure long-life reliability.

We have a complete program of sizes according to DIN 3760 standard and always in stock in our logistic centers.

Cassette and Combi Seals

Cassette and combi seals are developed to satisfy heavy duty applications like construction and agricultural machines.

Shock absorber seals are made for axial movement in the presence of oil at high pressure, direct or pulsating, where there is a high dynamic eccentricity or a violent traverse stress.

Our technical team can develop any new seals in co-design with the customer and design very complex profiles with the combination of different materials; elastomer and metal combining PTFE and polyurethane are commonly used.

We have test equipment that can simulate the specific applications of our customers and even more extreme mud conditions.

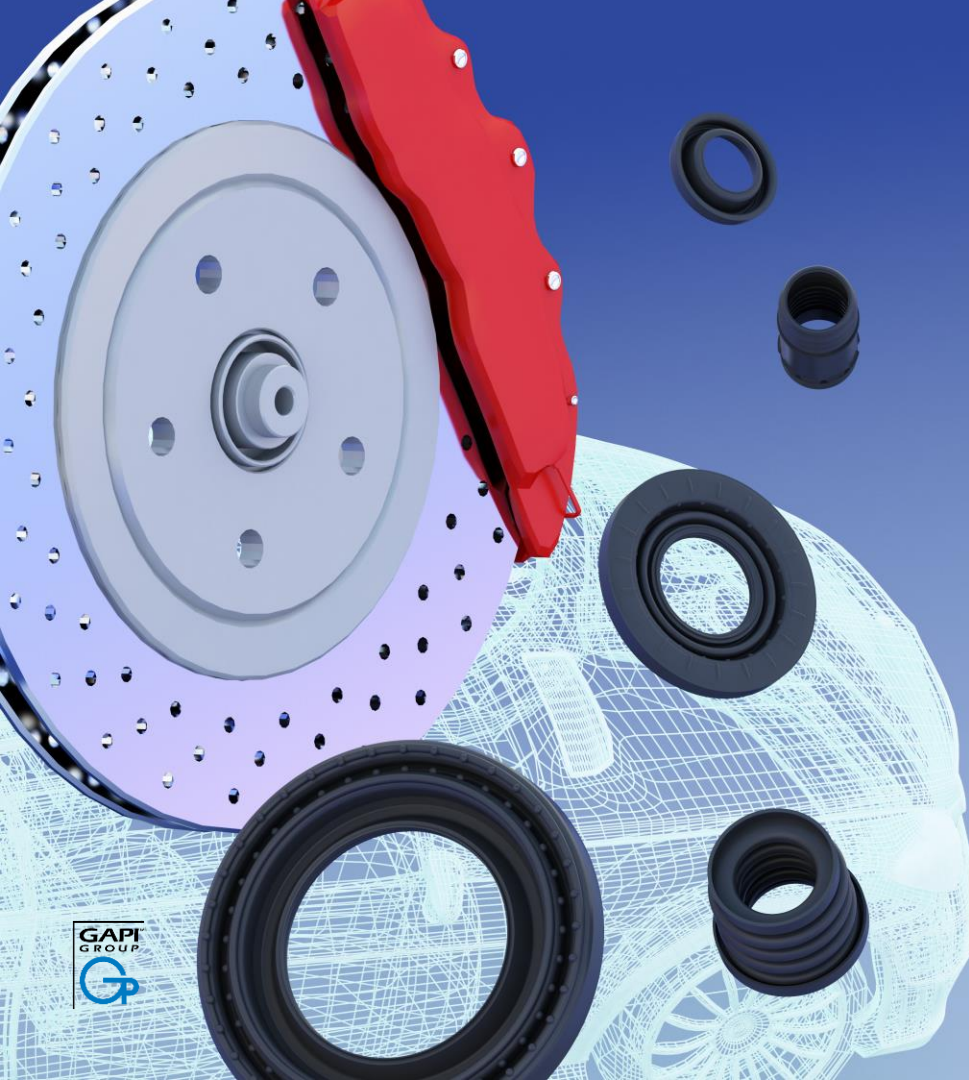
Elastomeric Brake Parts

We produce all kinds of elastomeric parts required in a brake system, both calipers and drum brakes. We supply zero defect parts with extremely tight tolerances fulfilling the IATF 16949 requirements.

Lip seals, square seals, piston boot with and without metallic insert, bellows, dust boots, diaphragms, bushing, caps, connections, valve seals are the main products.

Our standard compounds are compatible with synthetic brake fluids or mineral oils.

We work according to the customer drawing and in many cases, we develop in co-design.





PTFE Basic Shapes out of proprietary Materials

Our plants and equipments can produce semi-finished products with different technologies.

We manufacture out of proprietary materials manufactured in-house basic shapes such as sheets, tapes, rods and tubes in virgin PTFE as well as PTFE filled with glass fibre, carbon, bronze or other fillers on demand.

Thin walled tubes are produced by paste extrusion in different dimensions and colours.

Small dimension tubes "Spaghetti" are manufactured as per AMS Standards and larger dimensions are produced in metric dimensions, both are available on stock.

PRODUCTS *for many applications*

PTFE Sealing Solutions and parts

We develop and produce PTFE Sealing Solutions and Parts out of our proprietary materials.

Our technical department can develop profiles following the customer requirements and can develop any new tailor-made sealing solution in co-design with the customer.

Finally, we manufacture with lathes or state of the art CNC equipment various products such as O-rings, back up rings, skived tapes, valve seat ring, nozzles, piston rings and insulators.

Hydraulic & Pneumatic Seals

We manufacture a complete range of seals for static and dynamic applications in Hydraulic and Pneumatic systems. Piston and rod seals, wipers, wear rings and static seals are the main products. Material including Polyurethane, Elastomers, PTFE and Thermoplastics are commonly used.

Our technical team can develop any new seal in co-design with the customer.

We have a standard program of metric seals always available in our logistic centers.

In our laboratories, we can carry out life-time tests to guarantee the best performance.

PRODUCTS *for many applications*

Customized large Diameter Polyurethane Sealing Solutions

Gapi develops and produce large diameter (up to 750mm) Sealing Solutions based on polyurethane.

Our technical team can develop any tailor-made sealing solution to meet customer application requirements.

For examples parts are manufactured in-house in a metric range of styles, including MAD - a U style part, CSC - a solid piston / rod seal style and ASR - a wiper seal style.

High Performance Thermoplastic Components

GAPI has been producing injection moulded parts for extremely stressed applications for decades.

The focus is on the use of high-performance thermoplastics such as Torlon® (PAI), PEEK or PPS.

These materials offer outstanding properties in terms of thermal and mechanical stress or chemical resistance and make many applications possible in the first place due to these characteristics.

GAPI develops applications with customers from the idea to series production. In addition, we offer support in optimisation and material selection.

We fulfil the requirements according to IATF 16949:2016.





GAPI.COM