



Listening, understanding and designing

■ Studies and Design

PRONAL carries out a study of your problem and proposes solutions which are adapted to your requirements

- Dedicated R&D teams and studies
- Use of state-of-the-art software (Catia)
- Over 50,000 products already manufactured

A global and customised Service Offer

PRONAL offers its customers a full and modular range of services, from initial study to commissioning on site. Our technical expertise distinguishes us as a leading manufacturer.

Assembling, vulcanising and welding

Production

PRONAL combines outstanding technical and industrial knowledge in the flexible products area

- Audited and certified raw material suppliers
- Innovative and effective assembly techniques and equipment: high-temperature vacuum vulcanisation, high frequency welding (small and large production runs), cutting machine.
- 2 production sites: Leers France (7000 m²) / Tunisia (3000 m²)

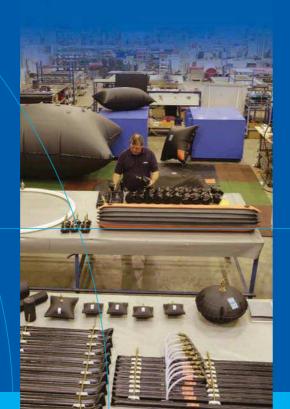


Install, train and maintain

■ Additional services

PRONAL coordinates on-site installation

PRONAL installs the product on site and trains your personnel in its use if necessary. You are also offered a regular maintenance service



■ PRONAL's technical advantages

- Large dimension products (tanks larger than 500m³)
- High-strength products (over 200 bar of pressure)
- Single-piece design of homogenous flexible products, incorporating metal accessories directly vulcanised into the main structure.
- Multi-process manufacturing:
 Hot and cold vulcanisation, High Frequency welding, sewing.
- Guarantees of an extended useful life (over 10 years in some cases)
- Flexibility: adapted resources from prototype manufacturing to long production runs.



Flexible materials can provide innovative, high-performance and customised solutions.

Get in touch with us!



A few figures...

- Date founded: 1961
- Turnover : in excess of €15 million
- 140 employees
- 2 production sites (France and Tunisia)
- Over 50,000 referenced products are manufactured
- ISO 9001 : 2000 Certification

Product range

- Tanks
- Cushions
- Lifting bags
- Stoppers
- Compensators
- Floats
- Bags
- Customised design

Services offered

- Research
- Design
- Project engineering
- Assembly
- Support
- Training
- Maintenance
- Repair



Factory in Tunisia

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ISO 9001 version 2000

organisation is guided by one watchword:

Quality.

Our entire

Over 3,000 customers place their trust in us!

Please feel free to contact us

Who is Pronal?

PRONAL is recognised as a world player in the design, production and installation of flexible structures manufactured from elastomer, plastomer and/or composite coated materials.

Our mission

To provide our customers with reliable industrial solutions to their problems of storage, lifting, sealing and insulation, together with associated services.

At the heart of our business is the concept of flexibility

- Lightness
- Impermeable
- High traction strength
- Flexibility
- Elasticity
- Resistance to the mechanical stresses of abrasion, tearing and perforation
- Resistance to environmental conditions

Our priority : providing our customers with satisfaction

A to Z support

Because we are committed to innovative and customised responses, we provide support to our customers from initial contact through to installation on site (design, manufacture, installation, maintenance).

Quality approach

Pronal is subject to strict quality procedures. ISO 9001: 2000 accredited.

Customer satisfaction-oriented values

- Proximity Flexibility Reactivity
- Mobility Creativity Quality



Yourself, have you ever thought about elastomer to meet your requirements?

CERTIFICAT

PRONAL worldwide presence

PRONAL has built a loyal network of worldwide partners, agents and distributors assuring a permanent presence serving an international clientele. Our intermediaries are supported by a dynamic sales/after sales team always willing and able to cater to your needs.

PRONAL is therefore able to export its solutions across the 5 continents, providing effective support, an adapted response and customised advice.

France/Export sales distribution



PRONAL a solution adapted to your activity

With almost 50 years' experience, Pronal has acquired cutting edge skills in a variety of fields: defence, aerospace, safety, industry, environment and energy.

PRONAL an efficient solution to your needs

Whether you need to store, lift, seal or insulate, we can provide an adapted, reliable and customised solution thanks to our wide range of products: tanks, lifting bags, cushions, stoppers and compensators. Small or large production runs, standard or custom-made: we have the human, material and technical resources to meet your needs.



Defence

PRONAL offers perfectly adapted, full-service solutions in the field of fuel logistics and drinking water supplies for the armed forces.





PRONAL designs and manufactures elastomer bodied flexible tanks for aircraft and helicopters. Production and maintenance approvals: PART 21 G and PART 145 Aerospace

> PRONAL also produces lifting cushions for all types of aircraft, for emergency maintenance and interventions during incidents.



■ Fuel cell and composites Lifting cushion for aircraft parts for drones



Self-sealing and crashworthy tank



Additional tank for helicopter

Fuel tank for aircraft



To assist in the management of emergency situations, PRONAL has developed materials which allows rapid, effective and secure interventions. Civilian and Humanitarian security.









ndustry

Compared with traditional technologies, PRONAL offers a totally innovative and effective alternative in many industrial fields, through its standard and custom-made range of lifting bags, cushions, tanks, stoppers and compensators.









Palletisation of glass bottles



Environment

PRONAL offers flexible solutions dedicated to risk prevention.



Mud storage tank



Anti-pollution boom

Anti-pollution stopper



Rainwater recovery tank



Holding tank Anti-pollution equipment



Energy

PRONAL provides solutions for the construction, maintenance and operation of energy production facilities: off- and onshore, gas, nuclear and new energies.







Diaphragm closure for jacket legs

Underwater flexible habitat

Underwater lifting system

Stopper for nuclear plant