



# SEALING SOLUTIONS FOR MINING & SLURRY APPLICATIONS



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*Designer for industrial sealing solution*



# SEALING SOLUTIONS DEDICATED TO THE MINING INDUSTRY

## 100 YEARS OF EXPERIENCE IN INDUSTRIAL SEALING

The GROUPE LATTY has built its reputation on strict quality standards that ensure product consistency and safety.

## HIGH-PERFORMANCE SEALING FOR MINING INDUSTRY

The GROUPE LATTY has 280 employees across 15 sites and owes its **leading position in the industrial sealing sector** to the high performance of its products and services.

For over a century, the GROUPE LATTY has been **designing, manufacturing, and implementing the most effective and innovative sealing solutions** for its mining industry clients, **all from its production site in France.**

Working conditions in **these sectors are often extreme, with constraints** related to managing rubble, pervasive dust, slippery mud, and constant humidity. These factors **impact not only productivity but also the safety of workers and equipment**, requiring robust and adapted solutions.

Our products are designed **to offer optimal resistance to these challenging conditions.** We integrate advanced technologies and high-quality materials **to ensure their effectiveness and durability while adhering to strict safety standards.**

**By providing reliable and high-performance solutions, we help enhance the safety, productivity, and profitability of mining operations while meeting the environmental and regulatory requirements specific to each region.**



## VIRTUAL TOUR FROM THE COMFORT OF YOUR OWN HOME!



Enjoy an immersive experience to discover or rediscover the LATTY company.



# Solutions that are specially designed to save water and energy in abrasive and demanding environments

Drawing on extensive experience gained through relentless collaboration with customers and continuous improvements for demanding applications in the Mining & Slurry Industries worldwide, GROUPE LATTY has developed an advanced and competitive product portfolio. This enables us to consistently deliver value to our customers and partners in the years to come.

In close collaboration with you, GROUPE LATTY representatives are committed to identifying the sealing solutions that best address the challenging conditions of your applications. The safety of your employees and equipment is our top priority, alongside providing sustainable and cost-effective solutions. Whether you require packings, mechanical seals, or gaskets, GROUPE LATTY offers the most suitable sealing solutions to help you conserve water and energy while extending the service life of your equipment.

This is particularly beneficial in arid or water-scarce regions, for heavy slurry pumping in mining operations, and other applications in harsh and remote environments.

## LATTYCORE 7189 G THE PACKING DEDICATED TO HARSH ENVIRONMENTS



### EXCELLENT ELASTICITY

The elasticity provided by the graphite core in the LATTYcore 7189G reduces running-in time, extends intervals between retightening, and ensures optimal sealing efficiency under low clamping force.

### REDUCED FRICTION

Lower friction levels result in significant water and energy savings while minimizing or eliminating wear on the shaft sleeve.

### ENHANCED CHEMICAL INERTNESS

Unlike elastomers, the LATTYcore 7189G is highly resistant to most chemicals, including mineral agents and solvents.

### EXCEPTIONAL AGEING RESISTANCE

Graphite is one of the most ageing-resistant materials, allowing for extended maintenance intervals of up to 1,900 hours. This can lead to an overall maintenance cost reduction of up to 25%.

### HIGH-TEMPERATURE RESISTANCE

Unlike elastomers, the graphite core in the LATTYcore 7189G is not susceptible to shrinkage or structural changes under high-temperature operating conditions.

### EASE OF HANDLING AND PROCESSING

The flexibility of the graphite core facilitates easier assembly and disassembly of the packing, streamlining maintenance operations.

## PACKING STRUCTURE GRAPHITE CORE

### 1. PACKING BODY

Phenolic and polyacrylic yarns impregnated with PTFE using our exclusive «Filcoat»-process.

- High mechanical resistance.
- Low abrasion
- Minimal to no wear on the shaft sleeve

### 2. PACKING CORE

Core made of expanded graphite

- Outstanding elastic recovery
- Reduced running-in time
- Extended intervals between retightening operations
- Lower friction
- Easy installation





## FEEDBACK

Beyond its role in driving organizational growth, feedback is, above all, an opportunity for all stakeholders to share insights and learn from one another.

**Our team provides you with valuable feedback on applications in major mines worldwide.**

RioTinto

BARRICK

bhpbilliton

VALE

ANGLO AMERICAN

GLENCORE

CODELCO

## LATTYSEAL SERVICES



With 100 years of expertise in designing and manufacturing industrial sealing solutions, GROUPE LATTY operates a **network of service, repair, and reconditioning centers** in France and abroad through its subsidiaries.

LATTYSeal Services is a comprehensive solution designed to provide you with our expertise and guidance, as part of our ongoing commitment to enhancing your systems. Our teams support you in **optimizing the performance of your sealing systems and reducing maintenance costs** by extending the intervals between interventions.

Our services include:

- On-site intervention to repair customer equipment
- Expert-led training courses to enhance the efficiency of both your equipment and personnel
- Refurbishment of your sealing solutions to restore optimal performance

## OPTIMISED EFFICIENCY FOR MINING



LATTY sealing solutions, including the **LATTYcore 7189G**, are compatible with heavy slurry circulation pumps of all brands, where they have already demonstrated their effectiveness.

They meet the various operating conditions of the mineral extraction process stages, including:

- grinding,
- classification,
- separation
- filtration.



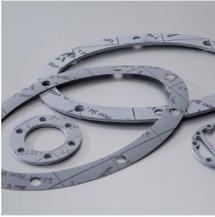
## INDUSTRIAL SEALING ALSO PART OF OUR RANGE



### MECHANICAL SEALS

GROUPE LATTY offers standard and customized heavy-duty mechanical seals suitable for abrasive liquids in mining-, slurry-, and industrial mineral processing applications.

- Dual mechanical seals
- Single mechanical seals



### GASKETS

Certain grades may be used in pump stuffing boxes or between packing rings in order to limit the introduction of abrasive muds.

- LATTYgold 92
- LATTYflon 94 L



### PACKING CUTTERS

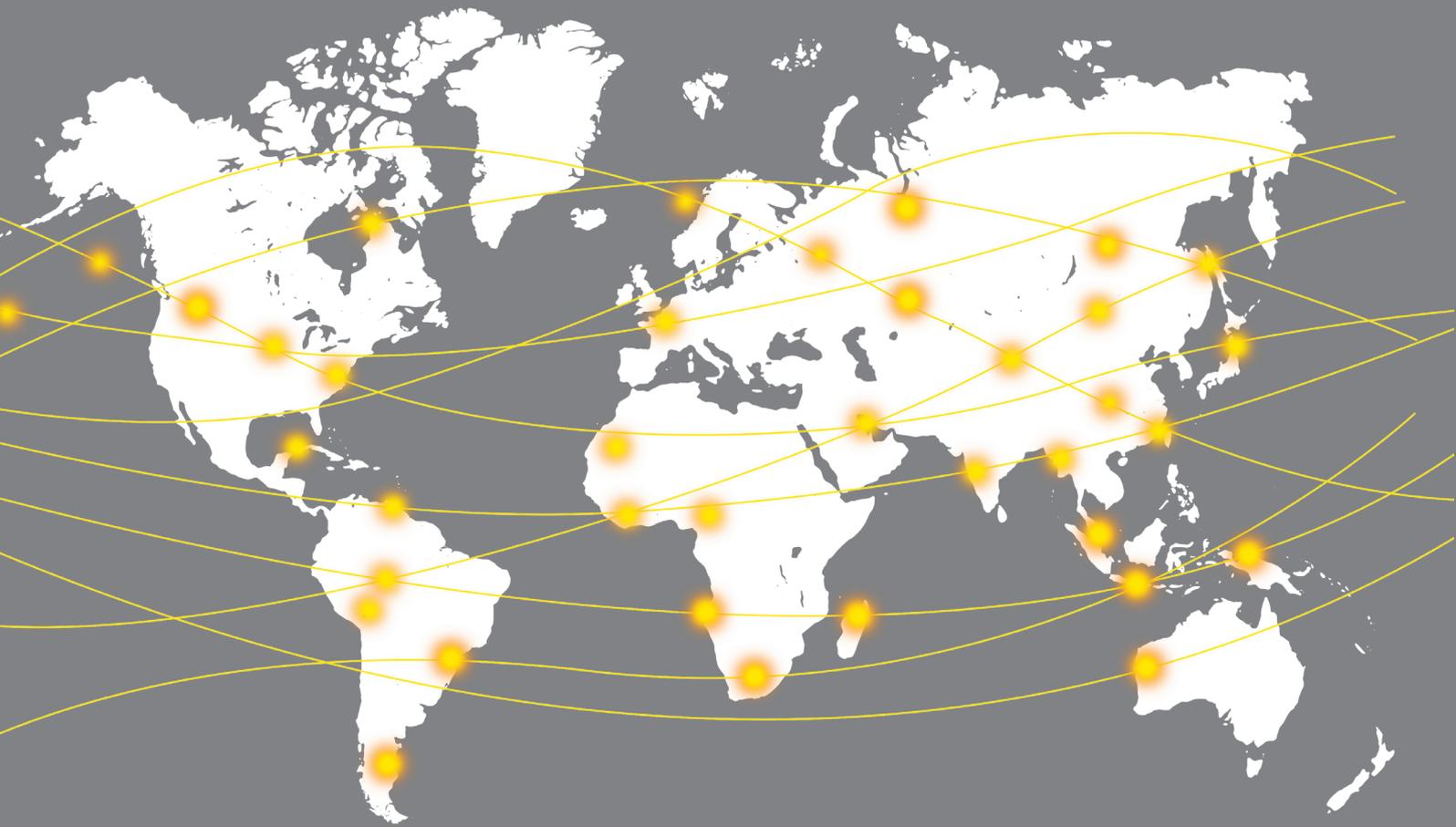
- These tools have been designed to cut packing rings to the exact length, thus avoiding cutting errors.
- Ease of use thanks to a cursor with packing sections, a scale of shaft diameters and which allows to directly obtain the exact ring length, both in millimetres and inches.
- An appropriate knife is provided with the unit.



### CUTTING MACHINE

- Easily and rapidly cut gaskets in any material without marking
- Use possible in a wide range of dimensions (80 to 1,250 mm),
- Accuracy of gasket dimensions and geometry, ensured repeatability
- Available in 2 versions: with motor or manual.





The GROUPE LATTY's subsidiaries and service centres worldwide are at your disposal to respond to your requests.  
All of our contact details can be found on our website.

LATTY BROU (03/2025) - Réf - 900031556



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/ JOINTINGS / MECHANICAL SEALS / ROTARY UNIONS / PACKINGS / JOINTING

PRODUCTION SITE  
1, rue Xavier Latty - F-28160 BROU, FRANCE  
Tel. +33 (0)2 37 44 77 77. Fax. +33 (0)2 37 44 77 99  
customerservice@latty.com

**LATTY.COM**

