

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



Based on in depth experiences made from working relentlessly with customers and improvements for demanding applications within the Mining & Slurry Industries all over the world, GROUPE LATTY has developed an advanced and competitive product program. This allows us to continue to offer value to our customers and partners into the future.

Together with you, GROUPE LATTY representatives offer to identify, in collaboration with you, the sealing solutions that best target the challenging conditions in your applications. Safety of your employees and machinery is of central importance to us along with finding sustainable and competitive solutions.

Whether you need packings, mechanical seals or gaskets, GROUPE LATTY is able to offer you the most suitable sealing solution that will allow you to save not only water and energy but also increase the service life of your equipment. This is of particular interest in arid or poorly irrigated land, for slurry pumping in mines and other applications in harsh and remote locations.

LATTYCORE 7189 G THE PACKING DEDICATED TO HARSH ENVIRONMENTS



EXCELLENT ELASTICITY

The elasticity provided by graphite in the 7189G core, means reduced running-in time, longer periods between retightening and optimum sealing efficiency under low clamping force.

REDUCED FRICTIONS

Reduced frictions will guarantee **significant savings in water and energy** with little or no wear to the shaft sleeve.

MORE CHEMICAL INERTNESS

Unlike elastomers, the LATTYcore 7189G is resistant to most chemicals such as mineral agents, solvents, etc.

AGEING RESISTANCE

Graphite is one of the most ageing-resistant materials, leading to increased time between maintenance operations with up to 1,900 hours. Overall maintenance cost can hereby be reduced with up to 25%.

RESISTANCE TO HIGH TEMPERATURES

Unlike elastomers, the graphite core in the LATTYcore 7189G, will not be affected by shrinkage nor structural changes during high temperature operating conditions.

HANDLING AND PROCESSING EASE

The flexibility of graphite in the core of the packing makes assembly and disassembly operations easier.

PACKING STRUCTURE GRAPHITE CORE

1. PACKING BODY

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

- High mechanical resistance.
- Low abrasion
- Little or no wear to shaft sleeve

2. PACKING CORE

Core made of expanded graphite

- Outstanding elastic recovery
- Reduced running-in time
- Longer intervals between two retightening operations
- Reduced friction
- Easy installation





FEEDBACK

Beyond its ability to make organisations evolve, the feedback is first and foremost, for all stakeholders, an opportunity to share and learn.

Our team provide you with feedback on applications in the main mines worldwide.

RioTinto

BARRICK

bhpbilliton

VALE

ANGLO AMERICAN

GLENCORE

CODELCO

LATTYSEAL SERVICES

GRUPE LATTY, with 100 years' experience as a designer and manufacturer of industrial sealing solutions, has a **network of service, repair and reconditioning centres** in France and abroad via its subsidiaries.

LATTYSeal services is a comprehensive service available to you to provide you with our know-how and advice as part of our constant endeavour to improve your systems. Our teams help and advise you to **improve the performance of your sealing systems and reduce your maintenance costs** by increasing the interval of time between interventions.

- On-site intervention to repair the customer's equipment
- Training courses facilitated by our experts in order to make your equipment and personnel more efficient.
- Refurbishment of your mechanical seals

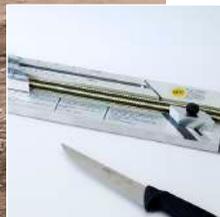
TOOLS AND ACCESSORIES

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.





ALSO AVAILABLE IN THE LATTY RANGE

Packings

Packings that are specially designed to withstand slurries in reciprocating and rotary pumps



LATTYflon 4757



LATTYtex 4777



LATTYflon 7188

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



LATTYgold 5 ACID



LATTYgraf HPML



LATTYflon UNISEAL

Mechanical seals

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

Focus is both MRO operations and customized unique OEM seal programs.



Dual mechanical seals



Single mechanical seals

GROUPE LATTY's service centres and subsidiaries are available worldwide to meet your requirements.
List of locations on www.latty.com

S / TRESSSES / JOINTS / GARNITURES MECANQUES / RACCORDS TOURNANTS / TRESSSES / JOINTS / GARNITUREN / FLACHDICHTUNGEN / GLEITRINGDICHTUNGEN / DREHDURCHFÜHRUNG / PACKUNGEN / UNIONS / PACKINGS / JOINTINGS / MECHANICAL SEALS / ROTARY UNIONS / PACKINGS / JOINTINGS