

GRAPHITE IN THE CORE OF PACKINGS

Our research and Development department has developed a new range of innovating range of packings as regards structure and composition.

The addition of expanded graphite into the core of our packings provide them remarkable suppleness and elastic recovery.

1

MORE ELASTICITY

The elasticity provided by graphite means reduced running-in time, more time between retightening operations and optimum sealing efficiency under low clamping force.

2

REDUCED FRICTIONS

With this innovation, frictions are reduced and you benefit from significant water and energy savings.

3

CHEMICAL INERTNESS

The graphite contained in the core of our packings is resistant to most chemicals such as mineral agents, solvents, etc.

4

AGEING RESISTANCE

Graphite is one of the most ageing resistant materials, which increases the time interval between two maintenance operations.

5

RESISTANCE TO HIGH TEMPERATURES

Unlike elastomers, graphite is neither affected by shrinkage nor by structural changes at high temperatures.

6

HANDLING AND PROCESSING EASE

The suppleness of graphite makes assembly and disassembly operations easier, thus reducing the maintenance time.

TYPES OF INDUSTRIES

- Mining and quarrying
- Sugar
- Paper
- Cement
- Chemicals
- Petrochemicals
- Energy
- Pharmaceuticals

EQUIPMENT

- Rotary pumps
- Stirrers
- Mixers
- Crushers
- Conveyors



PACKING RANGE WITH GRAPHITE CORE LATTYCORE



LATTYCORE 4788 G

Very high mechanical performance.

Packing with graphite core, made of 100%-aramid fibres, each single yarn being impregnated with PTFE using our exclusive «Filcoat»-process, then re-impregnated with a PTFE mix during braiding operation.

- Pressure: < 200 bars
- Temperature: -200°C to +300°C
- Speed: 25 m/s
- pH: 2-13



LATTYCORE 3207 G

Chemical inertness.

Packing with graphite core, made of 100% PTFE silk yarns, pre-treated with graphite impregnation to the core and with a silicon lubricant. Packing suitable for aggressive environments in dynamic sealing applications.

- Pressure: 80 bars
- Temperature: -200°C to +250°C
- Speed: 20 m/s
- pH: 0-14



LATTYCORE 5790 G

High mechanical resistance.

Packing with graphite core, made of synthetic yarns and fibres based on aramid and silicone-free lubricant, the yarns being impregnated to the core using our exclusive «Filcoat»-process prior to braiding operation.

- Pressure: 100 bars
- Temperature: -200°C to 260°C
- Speed: < 5 m/s
- pH: 2-13



LATTYCORE 4758 G

Very good resistance with abrasive fluids.

Compound packing with graphite core made of 100% aramid yarns impregnated with PTFE using our exclusive «Filcoat»-process, friction faces made 100% PTFE with silicone-free lubricant, then re-impregnated with a PTFE mix during braiding operation.

- Pressure: < 1000 bars
- Temperature: -200°C to +300°C
- Speed: < 10 m/s
- pH: 2-14



LATTYCORE 7189 G

Very good resistance with abrasive fluids.

Packing with graphite core, made of composite phenolic yarns on the edges and polyacrylic yarns on friction faces.

- Pressure: 200 bars
- Temperature: -200°C to +260°C
- Speed: < 20 m/s
- pH: 1-13



LATTY INTERNATIONAL S.A.

Head office
57 bis, rue de Versailles
91400 ORSAY - FRANCE
Tel. +33 (0)1 69 86 11 12
sales-marketing@latty.com

LATTY ARGENTINA S.A. *

Nuestra Sra. de la Merced 5334
(1678) CASEROS PCIA. DE BS. AS.
ARGENTINA
Tel. +54 (11) 4734 8481
ventas@latty.com.ar

LATTY BELGIUM S.A./N.V.

Chaussée de Namur 92 bte 07
1300 WAVRE - BELGIUM
Tel. +32 (0)10 24 62 08
info@latty.be

LATTY CENTRAL & WEST AFRICA

COSTA DE MARFIL
Tel. (+225) 09287816
latty.cwa@latty.com

LATTY CHILIE SpA *

Avda. Echenique 6664-A
La Reina SANTIAGO - CHILE
Tel. +56 229 334 957
araneda@lattychile.com

LATTY DICHTUNGSTECHNIK A.G. *

Henzmannstrasse 39
4800 ZOFINGEN - SWITZERLAND
Tel. +41 (0)62 752 20 84
info@latty.ch

LATTY INTERNATIONAL S.A.

Customer service & Manufacturing Plant
1 rue Xavier Latty
28160 BROU - FRANCE
Tel. +33 (0)2 37 44 77 77
customerservice@latty.com

LATTY IBERICA S.L. ESTANQUEIDAD

Pedro IV, 29-35, 4º 6ª
08018 BARCELONA - SPAIN
Tel. +34 (93) 356 99 90
latty@latty.es

LATTY INTERNATIONAL Ltd *

Westfield Road - RETFORD
Notts, DN22 7BT - ENGLAND
Tel. +44 (0)1 777 708836
sales@latty.co.uk

LATTY MAROC TECHNISEALS S.A.R.L. *

51, rue Hadj Ahmed Balafrej -
B.P. 3167
20290 CASABLANCA - MOROCCO
Tel. +212 (0)5 22 24 80 90
lattymaroc@menara.ma

MECASEAL S.A.R.L. *

Zone Artisanale
2, impasse du Crachet
59193 ERQUINGHEM - LYS - FRANCE
Tel. +33 (0)3 20 77 12 89
lattyseal.service@latty.com

MECANETANCHE S.A.S *

174, rue des Saules
Z.I. Le Chapelier
38110 SAINT-JEAN DE SOUDAIN - FRANCE
Tel. +33 (0)4 74 97 01 09
lattyseal.service@latty.com

LATTY SOUTH AFRICA Ltd *

108 Billingham Rd, Founders View South
Modderfontein, Edenvale, 1610
SOUTH AFRICA
Tel. +27 (0)11 452 9755
support@latty.co.za

LATTY 2RS GmbH*

Im Auel 22
D-53783 - EITORF - GERMANY
Tel. +49 (0)2243 / 84658-0
latty2rs@latty.de

**Subsidiaries with workshop for mechanical seals repair and repackaging*



www.latty.com

The information given in this document is for guidance only and does not commit LATTY international S.A. in any way. LATTY international does not warrant the performance of its products, unless properly fitted and used in accordance with the instructions, nor can it accept any claim for consequential liability. LATTY International S.A. is only liable for the quality of its products as it does not involve itself in their fitting or use, which must be done in accordance with the instructions.



PLANT
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

www.latty.com

