

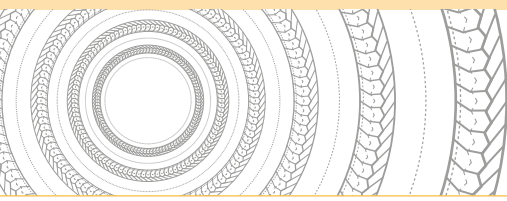


BRAIDED PACKINGS & RINGS

# LATTYflon 4488



**ARAMID/CARBON PACKING THAT  
ENSURES EXCELLENT HEAT DISSIPATION  
FOR ROTARY EQUIPMENT**



# LATTYflon 4488

## BRAIDED PACKINGS & RINGS

**Aramide/carbon packing that ensures excellent heat dissipation for rotary equipment.**

### Characteristics

- ▶ Packing made of carbon/aramide, each single yarn being impregnated with PTFE using our exclusive Filcoat-process. The packing is then re-impregnated during braiding operation in a bath consisting of PTFE mixed with an inert food-approved lubricant.
- ▶ The combination of the mechanical characteristics of aramide associated with the heat dissipation properties of carbon account for the outstanding performance of LATTYflon 4488.

### Advantages

- ▶ High heat dissipation
- ▶ Good resistance at high speeds
- ▶ Suitable for slurries or abrasive fluids
- ▶ Withstands high temperatures and/or pressures
- ▶ Efficient even with worn sleeves

### Equipment

- ▶ Pumps
- ▶ Mixers
- ▶ Stirrers
- ▶ Screw conveyors

### Industries

- ▶ Food processing
- ▶ Petrochemicals
- ▶ Pharmaceuticals
- ▶ Sugar
- ▶ Paper
- ▶ Power stations

### Parameters (not associated)

- ▶ Temperature: -220°C to +300°C
- ▶ Pressure: 0 to 300 bar
- ▶ Speed: < 30 m/s
- ▶ pH: 1 - 13

### Dimensions

- ▶ Available in square section from 4 to 25,4 mm
- ▶ On request, available as preformed rings.



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BRAIDED PACKINGS & RINGS

# LATTYflon 4789

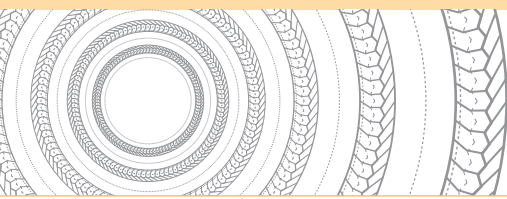


**Aramid packing, good mechanical performance in all industries.**



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# LATTYflon 4789

## BRAIDED PACKINGS & RINGS

**Aramid packing, good mechanical performance in all industries. Ideal for abrasive fluids.**

### Characteristics

- ▶ Packing made of aramid/staple rayon compound yarns, each single yarn being impregnated with PTFE using our exclusive «Filcoat» -process, then re-impregnated with a mix of PTFE and inert food-quality lubricant during braiding operation.
- ▶ Available in preformed packing rings, on request.

### Advantages

- ▶ Good resistance to the abrasive fluids
- ▶ Slight tightening
- ▶ Packing longevity
- ▶ Lubricated friction
- ▶ Easy cutting
- ▶ Good rings resistance
- ▶ Silicone-free packing

### Industries

- ▶ Food industry
- ▶ Petrochemical
- ▶ Pharmaceutical
- ▶ Chemical
- ▶ Sugar
- ▶ Pulp and paper mills
- ▶ Power stations
- ▶ Marine

### Materials

- ▶ Pumps
- ▶ Rotary movements

### Parameters (not associated)

- ▶ Temperature: -200°C to +275°C
- ▶ Pressure: 0 to 100 bar
- ▶ Speed: < 20 m/s
- ▶ pH: 2 - 12

### Approvals

- ▶ PMUC 17-045
- ▶ WRC/WRAS (drinking potable)

### Dimensions

- ▶ In square section of 3 to 32 mm.



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BRAIDED PACKINGS & RINGS

# LATTYflon 4788



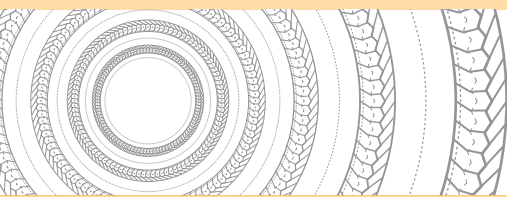
**100% aramid packing fibres,  
very high mechanical performance.**

**PMUC**

Produits et Matériaux Utilisés en Conformité

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# LATTYflon 4788

## BRAIDED PACKINGS & RINGS

**100% aramid packing fibres, very high mechanical performance.**

### Characteristics

- ▶ Packing made of 100% continuous aramid fibres. Each single yarn is impregnated with PTFE using our exclusive «Filcoat» process, then re-impregnated with a mix of PTFE and inert food-quality lubricant during plaiting operation.
- ▶ Available in preformed packing rings, on request.

### Advantages

- ▶ Excellent resistance to abrasive fluids
- ▶ Incomparable mechanical resistance
- ▶ Packing longevity
- ▶ Silicone-free packing

### Industries

- ▶ Food
- ▶ Chemical
- ▶ Sugar
- ▶ Petrochemical
- ▶ Pharmaceutical
- ▶ Pulp and paper mills
- ▶ Power stations

### Equipment

- ▶ Volumetric and centrifugal pumps
- ▶ Agitators
- ▶ Mixers
- ▶ Crushers
- ▶ Screw conveyors

### Parameters (not associated)

- ▶ Temperature : -220 °C to +300°C
- ▶ Pressure : 0 to 200 bar
- ▶ Speed : < 25 m/s
- ▶ pH : 2 - 13

### Approval

- ▶ PMUC 17-044

### Dimensions

- ▶ In square section of 5 to 26 mm.



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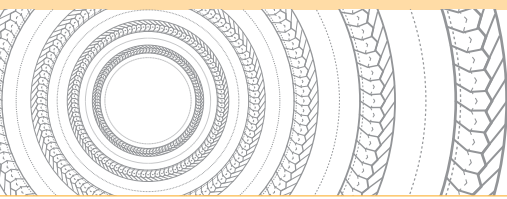


BRAIDED PACKINGS & RINGS

# LATTYflon 4757

High mechanical resistance,  
specific applications for  
reciprocating and rotary  
pumps.





# LATTYflon 4757

## BRAIDED PACKINGS & RINGS

High mechanical resistance, specific applications for reciprocating and rotary pumps.

### Characteristics

- Multi-yarn packing: the edges of the packing are made of 100% aramid yarns impregnated with PTFE using our exclusive «Filcoat» process
- Friction faces are made of 100% graphited PTFE and lubricated. The packing is then re-impregnated with a mix of PTFE and inert lubricant during braiding operation.
- Oxidized polyacrylonitrile fiber inside of the braid that promotes heat discharge
- The behaviour of the braid is homogeneous in service
- Available in preformed packing rings, on request

### Advantages

- Excellent mechanical resistance
- High flexibility which facilitates fitting operations and makes it suitable for any material
- Good heat evacuation
- Benefits of PTFE graphite and aramid
- Self lubricating

### Dimensions

- Square section of 6 to 25,4 mm.

### Equipment

- Reciprocating pumps
- Rotary pumps
- Mixers
- Stirrers
- Reactors
- Valves

### Industries

- Chemical
- Agro-chemical
- Petrochemical
- Sugar
- Pulp and paper
- Power stations

### Parameters (not associated)

- Pressure: 0 to 1800 bar
- Temperature: -220 °C to +300°C
- Speed: < 22 m/s
- pH: 2 - 14



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BRAIDED PACKINGS & RINGS

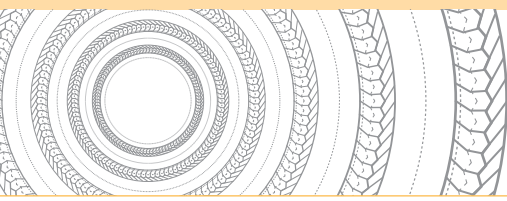
# LATTYflon 4758



**Versatile, high-performance packing  
for reciprocating and rotating machines  
with aggressive fluids.**

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# LATTYflon 4758

BRAIDED PACKINGS & RINGS

**Versatile, high-performance packing for reciprocating and rotating machines with aggressive fluids.**

## Characteristics

- ▶ Multi-yarn packing: the edges of the packing are made of 100% aramid yarns impregnated with PTFE using our exclusive «Filcoat» process
- ▶ Friction faces 100% silicone-free PTFE lubricated and then re-impregnated during plaiting operation with a mix of PTFE
- ▶ Ideal as a preformed ring for “slow-moving” applications (reciprocating pumps, mixers, stirrers, etc.) on abrasive or heavily contaminated fluids.
- ▶ Available as preformed packing rings, on request.

## Advantages

- ▶ Excellent mechanical resistance
- ▶ Good resistance to abrasive fluids
- ▶ Self lubricating
- ▶ Silicone-free packing

## Dimensions

- ▶ Square section of 4 to 25.4 mm.

## Industries

- ▶ Chemical
- ▶ Agro-chemical
- ▶ Petrochemical
- ▶ Food-processing
- ▶ Sugar
- ▶ Cement works
- ▶ Mining operations

## Materials

- ▶ Reciprocating pumps
- ▶ Mixers
- ▶ Stirrers
- ▶ Powder conveyors
- ▶ Rotary pumps

## Parameters (not associated)

- ▶ Pressure: 0 to 1000 bar
- ▶ Temperature: -220 °C to +300°C
- ▶ Speed: < 10 m/s
- ▶ pH: 2 - 14



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# **LATTY<sup>®</sup>flon 5790**

**The Future – Today**

**Long service life  
= Reduced operating cost**

**Discover why! ...**

 **LATTY<sup>®</sup>**  
international

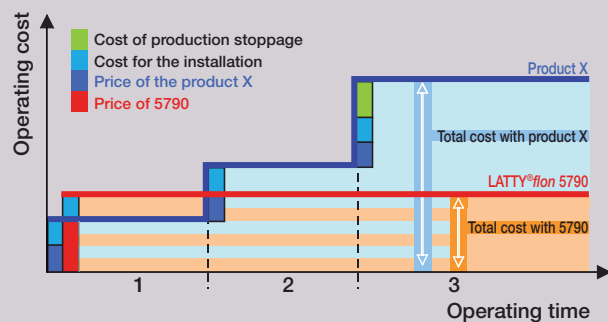
# LATTY<sup>®</sup>flon 5790

The cost of the product represents an insignificant part of the operating cost related to the use of packings in a stuffing box.

You have to consider the installation costs as well as the cost for the corresponding production stoppages. Even a significant difference in the cost of the packing will therefore be rapidly offset by a longer service life.

## EXAMPLE

A product X costs 50% less than LATTY<sup>®</sup>flon 5790.  
LATTY<sup>®</sup>flon 5790 lasts 2 to 3 times as long as the product X.



## Why does LATTY<sup>®</sup>flon 5790 ensure a longer life?

The quality of a packing depends on:

- the manufacturing materials
- its lubrication
- its plaiting
- The yarns and fibres used in LATTY<sup>®</sup>flon 5790 are new. With their very high mechanical resistance, whilst being less abrasive than commonly used yarns, they drastically reduce the wear of shafts and sleeves on which they are fitted.
- The yarns are impregnated with **silicone-free** lubricant to the core prior to plaiting with our patented FILCOAT process. With its outstanding sliding properties, this specific lubricant enhances abrasion resistance. The low friction coefficient ensures significant energy savings.
- Plaiting remains a significant factor for the packing efficiency and LATTY's know-how in this area is a guarantee of quality.

A service life exceeding that of the usually known packings and optimum operating characteristics:

- **Temperature: from -50 °C to +260 °C.**
- **Pressure up to 10 MPa (100 bar).**
- **Speed up to 20 m/s.**
- **Chemical resistance: pH 2 to 13**

... make it a new product that is a multi purpose packing which is ideally suited for use with slurries and abrasive products .

## Applications :

LATTY<sup>®</sup>flon 5790 is a packing with high resistance to wear in rotation. It has been specially designed for use on **pumps, agitators, mixers, stirrers, refiners** and other equipment for industries such as **paper mills, sugar factories, breweries** as well as **any equipment used for water treatment, turbine lubrication circuits, pumping of river water, etc.**

This product, which is white and clean, meets in particular the requirements of the paper industry.



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