



4151 Fluorpack®

PTFE GLAND PACKING PTFE GLAND PACKING PTFE GLAND PACKING PTFE GLAND PACKING

Description

Fluorpack® packing is made with Lenzing fibres, which are composed of expanded PTFE yarns with encapsulated graphite particles and components with lubricating power. These components give the packing excellent thermal conductivity and resistance to chemical agents and aging. The homogeneous structure of the packing prevents these components from coming away during operation thereby reducing the risk of wear on the shaft to a minimum, and preventing the fluid from being contaminated by packing particles.

The packing is flexible, elastic and easy to cut and install. Fluorpack® can be used in various industrial sectors: during use, it will last many times more than traditional packings, thus reducing purchase and maintenance costs.

In addition, the elasticity and flexibility of the Fluorpack® packing simplify the installation and assembly of the same.

Applications

Fluorpack® packing is particularly suitable for reciprocating and centrifugal pumps. It is an excellent seal for generic use suitable for all fluids with the exception of strong oxidizers.

Industry

Chemical industry: pumps and control valves, mixers and dischargers for acids, alkalis, resins and solvents.
Petrochemical industry: pumps and valves for acids, asphalt, steam, sludges, chemical products, caustic solutions.

Petrolchemical industry: pumps and valves for acids, asphalt, steam, sludge, chemical products, caustic solutions.

Mining industry: pumps for draining.

Textile industry: for uses with bleaching agents, dyes, acids, filtered liquids, dirty water.

Food industry: pumps, valves and mixers for ammonia, food, pasta, cleaning solutions.

Sugar refineries: pumps and valves for cold water, dirty water, sludges, syrup, juices.

Breweries: pumps and valves for beer, brine, hops, caustic sodas, ammonia.

Distilleries: pumps and control valves for cleaning solutions, musts.

Power stations: pumps and control valves for water, dirty water, fuels, condensate, used ash.

Nuclear power stations: pumps for cooling waters, fuels.

Purifiers: pumps and valves for acids, alkalis, sludges.

Paper mills: pumps and valves for chlorine, bleaching agents, alkalis, lye, condensate, washing water, sludges, boiler supply systems, pulp, steam.

Standard packaging

| section mm | poids kg |
|---------------|-------------|
| 4x4 | 1,5 |
| 5x5 | 1,5 |
| 6x6 | 2,5 |
| 8x8 | 2,5 |
| 10x10 | 2,5 |
| 12x12 | 2,5 |
| 14x14 | 5 |
| 15x15 | 5 |
| 16x16 | 5 |
| 18x18 | 5 |
| 20x20 | 5 |
| 25x25 | 5 |

Quality/price ratio

Its versatility of application and its durability in every environmental condition avoid holding costly stocks in the warehouse, reduce waiting times and significantly reduce maintenance costs. These strong points make it an excellent packing in terms of quality/price ratio.

Advantages

- Durability
- Universal chemical resistance
- Excellent thermal conductivity with shaft in high speed
- Does not hydrolyse or harden
- Clean and easy to cut
- Non abrasive
- Better heat dissipation, lower weight loss and therefore less shrinkage
- ASBESTOS FREE



Homogeneous packing



Jacketed packing



Thermally conductive components



Lubricating components



Dry fibre



| | | | | |
|----|-------|----------|-----|-----|
| P | bar | 50 | 200 | 150 |
| t | °C | -200+250 | | |
| ph | | 0÷14 (1) | | |
| v | m/sec | 25 | 2 | |

1) The packing cannot be used with oxidizing agents.

Do not use the packing at the maximum temperature and pressure values without consulting Texpack® beforehand. The complete General Terms and Conditions of Sale can be found on www.texpack.it. Please check carefully that the products are suitable for your specific application before use.