

# BRAIDED PACKINGS



## PTFE packings

PTFE (polytetrafluoroethylene), also known as Teflon, is a perfect sealant. Its good heat resistance up to 280°C, outstanding chemical resistance and low friction coefficient permit application of PTFE yarn both in stuffing boxes of pumps and fittings. Addition of incorporated graphite improves thermal conductivity and reduces tendency of PTFE to squeeze in gaps between the shaft or the spindle and stuffing box enclosure.

### PACKING TYPE 608



#### Characteristics:

Packing of fibrous PTFE yarn with incorporated graphite and soaked with silicon oil. Thanks to this composition braided packing is only slightly prone to squeezing out of the stuffing box and softly adheres to the shape of the stuffing box. Low friction coefficient and high thermal conductivity protect the package against overheating caused by high revolutions of the pump shaft. Thanks to all these characteristics the packing similar to packings of GFO at significantly lower price is obtained.

#### Application:

Recommended for use in stuffing boxes of pumps and fittings, with water, steam, oils, solvents, salts, acids and alkalis, with exception of very strong oxidants.

The most popular of PTFE packings.

pH	Max. temp.	Rotodynamic pumps	Piston pumps	Fittings	Dimension range
0-14	-200 ÷ +280 °C	p = 20 bar v = 10 m/s	p = 100 bar v = 2 m/s	p = 100 bar v = 2 m/s	4-25 mm

### PACKING TYPE 6080



#### Characteristics:

Packing of pure, fibrous PTFE yarn without any additives nor lubricants. Lack of any additives remarkably improves chemical resistance of the packing, including resistance to strong oxidants.

#### Application:

Recommended for use in rotodynamic pumps, piston pumps and industrial fittings, in food, chemical and pharmaceutical sector, and in drinking water treatment plants. Can be used in installations containing oxygen. Resistant to water, steam, oils, liquid fuels, solvents, acids and alkalis.

pH	Max. temp.	Rotodynamic pumps	Piston pumps	Fittings	Dimension range
0-14	-150 ÷ 280 °C	p = 8 bar v = 8 m/s	p = 60 bar v = 2 m/s	p = 150 bar v = 2 m/s	4-25 mm

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## PACKING TYPE 6081 PTFE, "WHITE"



### Characteristics:

Braided packing of pure fibrous PTFE soaked in an impregnate based on silicon oil. Fibrous form of PTFE remarkably reduces a natural tendency of PTFE to "flow" and allows obtaining solid and effective sealing.

### Application:

Recommended for use in rotodynamic pumps, piston pumps and industrial fittings, in food, chemical and pharmaceutical sector, and in drinking water treatment plants. Resistant to water, steam, oils, liquid fuels, solvents, acids and alkalis, except for strong oxidants.

pH	Max. temp.	Rotodynamic pumps	Piston pumps	Fittings	Dimension range
0-14	-200 ÷ +280 °C	p = 20 bar v = 10 m/s	p = 80 bar v = 2m/s	p = 20 bar v = 1 m/s	4-25 mm

## PACKING TYPE 6084



### Characteristics:

Packing made of fibrous PTFE yarn with incorporated graphite and large quantities of silicon oil. Exceptionally soft and elastic packing, with low friction coefficient and high thermal conductivity.

### Application:

Packing 6084 is a high quality packing for rotodynamic pumps used in all sectors of industry and economy. Due to its high resistance to media such as water, steam, oils, liquid fuels, acids and alkalis, it is particularly widely used in chemical and power generation sectors and in a municipal construction sector. Due to its softness it requires stuffing boxes with small gaps between the shaft and the stuffing box enclosure.

pH	Max. temp.	Rotodynamic pumps	Piston pumps	Fittings	Dimension range
0-14	-200 ÷ +280 °C	p = 20 bar v = 15 m/s	p = 60 bar v = 1 m/s	p = 80 bar v = 1 m/s	4-25 mm

# BRAIDED PACKINGS



## PACKING TYPE 6085N



### Characteristics:

Braided packing of top quality GORE yarn. The yarn is a composition of perfectly pulped PTFE filled with graphite and soaked in silicons. Thanks to superfine technology and reliability of yarn, the obtained packing meets the strictest requirements and is used in stuffing boxes of high speed pumps, and wherever the quality of packing is a key to success.

### Application:

Packing 6085N is a top quality packing for rotodynamic pumps used in all sectors of industry and economy. Due to its high resistance to such media as water, steam, oils, liquid fuels, acids and alkalis, it is particularly common in chemical sector, power generation sector and municipal construction sector.

pH	Max. temp.	Rotodynamic pumps	Piston pumps	Fittings	Dimension range
0-14	-200 ÷ +280 °C	p = 20 bar v = 25 m/s	p = 150 bar v = 2 m/s	p = 200 bar v = 2 m/s	4-25 mm

## PACKING TYPE 6088 GAMFLON G4



### Characteristics:

This high-pressure packing is braided using top quality GORE G4 yarn, which is a composition of pulped PTFE and graphite. Absence of oil impregnates improves resistance of packing of GORE G4 yarn to pressure. High quality of plait paired with high quality of yarns produced reliable packing with unique properties.

### Application:

Thanks to its properties, this packing is the most commonly used in fittings wherever high pressure and media require the best possible product. GAMFLON G4 can be used with water, steam, liquid fuels, oils, solvents, acids and bases, with exception of strong oxidants.

pH	Max. temp.	Rotodynamic pumps	Piston pumps	Fittings	Dimension range
0-14	-200 ÷ +280 °C	p = 50 bar v = 8 m/s	p = 200 bar v = 2 m/s	p = 400 bar v = 1 m/s	4-25 mm

All information in this catalogue is based on years of experience in manufacture and use of the discussed products. Since sealing performance in the joint is subject to multiple factors such as mounting method, system parameters, and sealed medium, technical parameters specified herein are of informative nature only and cannot be used as grounds for any claims; any special uses of products are subject to consulting with the manufacturer.