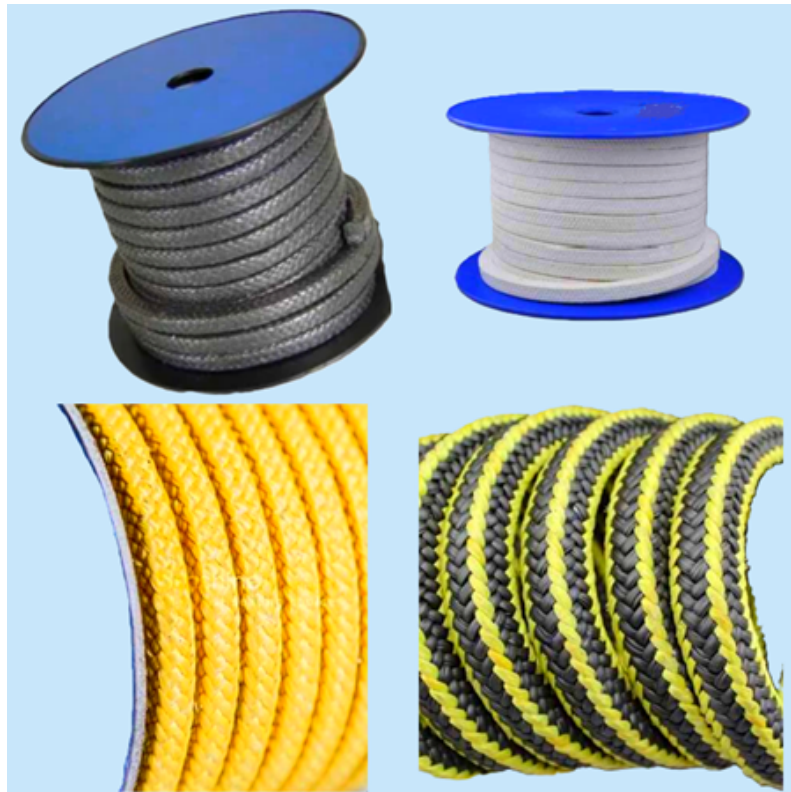


**PARTNER ENDUSTRI  
MAKINALARI VE YEDEK PARCA**

**INDUSTRIAL SEALING PRODUCTS**

**BRAIDED PACKINGS**



Also ask for our gasket products.



## PARTNER P102

## PTFE + Lubrication

PARTNER P102 is a diagonally braided PTFE packing with silicon oil lubrication. Packing for universal applications in chemical, pharmaceutical and food industry.



### Advantages:

- > Very flexible
- > High structural strength
- > Good cross-sectional tightness
- > Excellent emergency running properties

### Recommended Applications:

- > Process industry
- > Petrochemical industry
- > Chemical industry,
- > Pharmaceutical industry
- > Pulp and paper industry
- > Water and waste water technology
- > Food and beverage industry
- > Sugar industry
- > Centrifugal pumps

Universal chemical resistance, not suitable for abrasive media or hot water, hot steam, and oxygen applications.

### Technical Data

|                   |               |                            |
|-------------------|---------------|----------------------------|
| Temperature Range |               | -200 up to +280°C          |
| Process           | Rotating      | 10 bar                     |
|                   | Reciprocating | 50 bar                     |
|                   | Static        | 100 bar                    |
| Shaft Speed       |               | 10m/s                      |
| PH                |               | 0~14                       |
| Density           |               | 1.45~1.55g/cm <sup>3</sup> |

### PARTNER P103

### PTFE Filament Packing

It's a 100% PTFE Packing impregnated with PTFE dispersion, It's a sintered high performance PTFE-multifilament-yarns with thorough PTFE impregnation, diagonally braided. Universal PTFE Packing preferred for us in chemical and food industries.

#### Advantages:

- > Good pressure resistance
- > Reduced tendency for extrusion
- > High structural stability
- > Great cross-sectional tightness

#### Recommended Applications:

- > Process industry
- > Petrochemical industry
- > Chemical industry
- > Pharmaceutical industry
- > Pulp and paper industry
- > Water and waste water technology
- > Building services industry
- > Food and beverage industry
- > Sugar industry
- > Valves



#### Technical Data

|                   |               |                            |
|-------------------|---------------|----------------------------|
| Temperature Range |               | -200 up to +280°C          |
| Process           | Rotating      | 25 bar                     |
|                   | Reciprocating | 150 bar                    |
|                   | Valves        | 500 bar                    |
| Shaft Speed       |               | 10m/s                      |
| PH                |               | 0~14                       |
| Density           |               | 1.45~1.55g/cm <sup>3</sup> |

### PARTNER P202

### PTFE/Graphite

PARTNER P202 is a unique packing consisting graphite PTFE Yarn lubricated with graphite particles. The finished packing is further lubricated with a special silicone oil for quick break-in.

#### Advantages:

- > Outstanding operating reliability
- > Low friction and easy start-up conditions
- > Gentle to the shaft
- > High flexibility
- > Good emergency running properties
- > Excellent thermal conductivity
- > Long service-life

#### Recommended Applications:

- > Process industry
- > Oil and gas industry
- > Petrochemical industry
- > Chemical industry
- > Pharmaceutical industry
- > Power plant technology
- > Pulp and paper industry
- > Water and waste water technology
- > Mining industry
- > Building services industry
- > Food and beverage industry
- > Shipbuilding
- > Sugar industry
- > Metal production and processing
- > Centrifugal pumps
- > Agitators
- > Mixers
- > Kneaders



#### Technical Data

|                   |               |                           |
|-------------------|---------------|---------------------------|
| Temperature Range |               | -150 up to +280°C         |
| Process           | Rotating      | 25 bar                    |
|                   | Reciprocating | 100 bar                   |
|                   | Static        | 200 bar                   |
| Shaft Speed       |               | 18m/s                     |
| PH                |               | 0~14                      |
| Density           |               | 1.5~1.65g/cm <sup>3</sup> |

### PARTNER P301

#### Aramid+PTFE Impregnation

PARTNER P301 is braided from high quality aramid (Kevlar) fiber with PTFE impregnated and lubricant additive.

It is wear resistant but may damage the shaft is not used properly. A minimum shaft hardness of 40~60HRC is therefore recommended.

#### Advantages:

- > High cleanliness
- > Long service life
- > Excellent resistance to abrasive media
- > Extremely stable and hard-wearing

#### Recommended Applications:

- > Process industry
- > Oil and gas industry
- > Petrochemical industry
- > Chemical industry
- > Pulp and paper industry
- > Water and waste water technology
- > Mining industry
- > Building services industry
- > Food and beverage industry
- > Sugar industry
- > Agitators
- > Mixers
- > Piston pumps
- > Refiners



#### Technical Data

|                   |               |                          |
|-------------------|---------------|--------------------------|
| Temperature Range |               | -100 up to +280°C        |
| Process           | Rotating      | 25 bar                   |
|                   | Reciprocating | 100 bar                  |
|                   | Static        | 250 bar                  |
| Shaft Speed       |               | 18m/s                    |
| PH                |               | 2~12                     |
| Density           |               | 1.4~1.5g/cm <sup>3</sup> |

### **PARTNER P400 Expanded Graphite + Cotton (Or Fiberglass)**

PARTNER P400 Graphite Packing Reinforced with cotton or fiberglass. It has very low friction, does not damage shafts and stems. It shows good thermal and chemical resistance and high elasticity.

#### **Advantages:**

- > Braided packing made from permanently elastic pure expanded graphite foils with cotton or fiberglass and zinc corrosion inhibitor.
- > High temperature, high pressure resistance.



#### **Recommended Applications:**

- > Process industry
  - > Oil and gas industry
  - > Petrochemical industry
  - > Chemical industry
  - > Power plant technology
  - > Pulp and paper industry
  - > Water and waste water technology
  - > Mining industry
  - > Building services industry
  - > Shipbuilding
  - > Sugar industry
  - > Metal production and processing
  - > Water, waste-water, seawater, hot water, boiler feed water, condensate, steam, neutral steams, gases, air, nitrogen, acid gases, hydrogen, volatile hydrocarbons, oils, mineral oils, greases, heat transfer oils and volatile solvents.
- Not suitable for strongly oxidising adhesive and abrasive media.
- > Valves.

#### **Technical Data**

|                   |               |                                    |
|-------------------|---------------|------------------------------------|
| Temperature Range |               | -200 up to +500°C Steam:<br>+550°C |
| Process           | Rotating      | 20 bar                             |
|                   | Reciprocating | 100 bar                            |
|                   | Valves        | 300 bar                            |
| Shaft Speed       |               | 22 m/s                             |
| PH                |               | 2~12                               |
| Density           |               | 1.3~1.4g/cm <sup>3</sup>           |

### PARTNER P601 / P601-SC

PARTNER P601 Acrylic fiber packing braided from high strength Acrylic fiber with PTFE impregnated twice time. It has excellent properties of sealing, lubricating and resistant to chemical. The acrylic packing can be with or without oil addition.

**PARTNER P601-SC** Acrylic Fiber Packing with Rubber Core  
Rubber core can absorb vibration, to control leakage, suitable for worn-out pumps.



### Advantages:

- > High cleanliness,
- > Long service life
- > Smooth running, low friction

### Recommended Applications:

- > Process industry
- > Oil and gas industry
- > Petrochemical industry
- > Chemical industry
- > Pulp and paper industry
- > Water and waste water technology
- > Mining industry
- > Building services industry
- > Food and beverage industry
- > Sugar industry

### Technical Data

|                   |               |                         |
|-------------------|---------------|-------------------------|
| Temperature Range |               | -50 up to +260°C        |
| Process           | Rotating      | 20 bar                  |
|                   | Reciprocating | 80 bar                  |
|                   | Valves        | 100 bar                 |
| Shaft Speed       |               | 20m/s rotary            |
| PH                |               | 1-13                    |
| Density           |               | ~1.30 g/cm <sup>3</sup> |

### PARTNER P603-R

### PAN+Silicone Core

PARTNER P603-R is braided from high quality & high strength Ploy Acrylic Nitrile (PAN) fiber with PTFE impregnated and lubricant additive. (Twice times impregnated) with silicone round core improve the elasticity . It can be with or without oil. High elastic red silicone rubber core can absorb vibration.

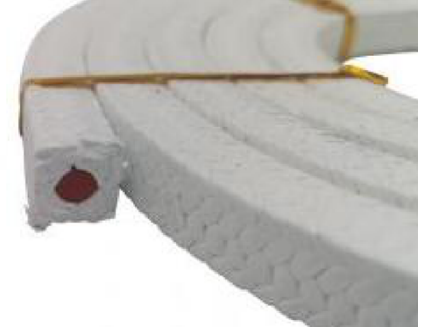
#### Advantages:

- > High cleanliness,
- > Long service life
- > Smooth running, low friction
- > Excellent resistance to abrasive media
- > Extremely stable and hard-wearing

#### Recommended Applications:

- > Process industry
- > Oil and gas industry
- > Petrochemical industry
- > Chemical industry
- > Pulp and paper industry
- > Water and waste water technology
- > Mining industry
- > Building services industry
- > Food and beverage industry
- > Sugar industry
- > Agitators
- > Mixers
- > Piston pumps
- > Refiners

#### Technical Data



|                   |               |                          |
|-------------------|---------------|--------------------------|
| Temperature Range |               | -50 up to +260°C         |
| Process           | Rotating      | 20 bar                   |
|                   | Reciprocating | 80 bar                   |
|                   | Static        | 100 bar                  |
| Shaft Speed       |               | 18m/s in rotary          |
| PH                |               | 2~14                     |
| Density           |               | 1.3~1.4g/cm <sup>3</sup> |