



## ENVIROSTAR 400-2

Pre-compressed hybrid packing set with skive cut made of expanded graphite, special impregnation and reinforcement to protect against extrusion

### Characteristics

Packingset made by combining two expanded Graphite grades and designs. Both are reinforced with a inconel matrix in order to avoid blow out and extrusion. The combination enhances the sealability. The set was tested and approved by Yarmouth Research, Maine in USA.

The tightness class is CH with a max. leakage rate of <math> <4,5E-3\text{mbar.l/s}</math>. The endurance class is CO1 with 2 thermal cycles and 205 mechanical cycles. Number of Packing adjustments (SSA) 1. Test pressure: 20°C @ 51,1bar and 400°C @ 34,7bar. Test fluid Helium. Performance Class ISO FE CH-CO1-SSA1-t400C-ANSI Class 300 - ISO 15848-1.

The Packingset is therefore recommended as a high grade sealing system.

### Operating range

			
p [bar]	0	0	500
v [m/s]	0	0	-
t °C	-200 ... +400		
pH	0 - 14		

Packing Set contains a small amount of PTFE

### Main application

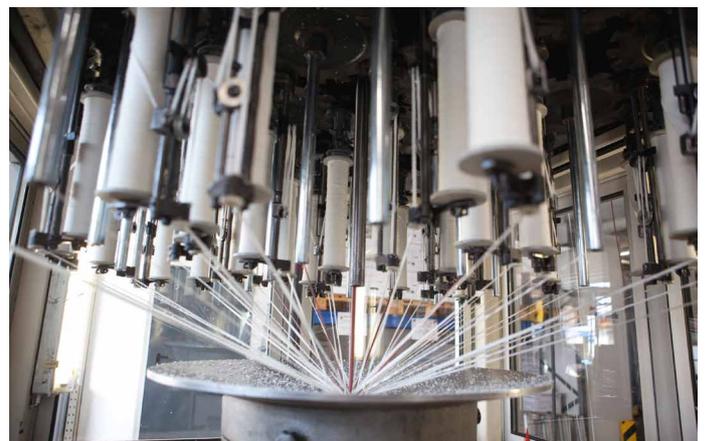
- Valves
- Flaps
- Gate valves
- Fittings

### Suitable for

- Power plant technology
- Chemical industry
- Petrochemical plants
- Boiler houses
- Refineries

### Approvals

- ISO 15848-1 Certificate
- BAM 60 °C / 25 bar



All technical information and advice is based on our experience and will be given most conscientiously but without any liability.

Indication and figures are for guidance only and need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time.

Please note that the technical values cannot be used all at the same time in their maximum values.