

1. Technical characteristics

Construction	Square graphite packing with Inconel
Material	Expanded graphite + wire Inconel
Impregnate	---
Lubricate	---

2. Physical-mechanical properties obligatory for delivery and acceptance

	Specific unit	Nominal value	Tested to standard
Dimension of the cord	mm	∅ 3 till 25 mm see TP 62-061-16, tab. 1	
Tolerance of dimension	mm	see TP 62-061-16, tab. 2	

3. Other physical-mechanical properties

	Specific unit	Nominal value	
Min. operating temperature	°C	- 220	
Max. operating temperature		+ 450	
Operating temperature	°C	Steam	+ 650
		Oxid.gases	+ 450
		Inert.gases	+ 1000
Operating pressure	bar	Valve	500
		Piston	250
		Pump	30
Operating speed	m / s	Piston	2
		Pump	5
Density	g.cm <sup>-3</sup>	1,0 – 1,4	
Chemical resistance	pH	0 – 14	

4. Chemical resistance table

Good resistance	Medium resistance
Amine, nitrile	Abrasive slurries
Weak acids	Bitumen
Medium acids	Strong acids and strong alkalis
Oxygen( up to +350°C)	
Neutral solution	
Mineral oils	
Synthetic oils	
Steam	
Inert gases	
Acid gases	
Solvents	
Volatile hydrocarbons	
Water	
Hydrogen	
Weak alkalis	