

1. Technical characteristics

Construction	Square braided packing from expanded graphite
Material	Exp. Graphite yarn overbraided with Inconel wire mesh
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 30 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	°C	Steam	+ 650
		Oxid.gases	+ 450
		Inert.gases	+ 1000
Operating pressure - valve	Bar	500	
Density	g.cm <sup>-3</sup>	1,4 – 1,6	
Chemical resistance	pH	0 – 14	

4. Chemical resistance table

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