

## 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	Ø 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		Oo	- 220
Max.	Steam		+ 650
operating	Oxid.gases	Oo	+ 450
temperature	Inert.gases		+ 1000
Operating pressure - valve		Bar	500
Density		g.cm⁻³	1,4 - 1,6
Chemical resistance		рН	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		
Steams		
Inert gases		
Acid gases		
Solvents		
Volatile hydrocarbons		
Water		
Hydrogen		
Weak alkalis		

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