

1. Technical characteristics

Construction	Square braided cord
Material	Expanded graphite
Impregnate	---
Lubricate	---

2. Physical-mechanical properties obligatory for delivery and acceptance

	Specific unit	Nominal value	Tested to standard
Dimension of the cord	mm	∅ 4 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	+ 550
		Oxid.gases	+ 450
		Inert.gases	+ 1000
Max operating pressure	bar	Valve	250
		Piston pump	100
		Centrif.pump	20
Max.operat. velocity	m.s ⁻¹	Piston pump	1,5
		Centrif.pump	20
Density	g.cm ⁻³	1,2 ± 15%	
Chemical resistance	pH	0 - 14	

4. Chemical resistance table

Good resistance	Medium resistance
Amine, nitrile	Abrasive slurries
medium acid	Strong acid
acids	Strong alkali
Weak acids	bitumen
Oxygen (up to 350°C)	
Neutral solution	
Mineral oils	
Synthetic oils	
steams	
inert gases	
Acid gases	
solvents	
Volatile hydrocarbons	
water	
hydrogen	
Weak alkalis	