

1. Technical characteristics

Construction	Square knitting cord
Material	PTFE + graphite
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	- 100
Max operating temperature	°C	+ 280
Max operating pressure	bar	Valve 300
		Piston pump 600
		Centrifugal pump -
Max operating velocity	m.s <sup>-1</sup>	Piston pump 2
		Centrifugal pump -
Density	g.cm <sup>-3</sup>	1,4
Chemical resistance	pH	0 – 14

4. Chemical resistance table

Good resistance	Medium resistance
Amine, nitrile	Abrasive slurries
Strong acids	Bitumen
Medium acids	
Weak acids	
Oxygen	
Neutral solution	
Mineral oils	
Synthetic oils	
Steams	
Inert gases	
Acid gases	
Food	
Solvents	
Volatile hydrocarbons	
Water	
Hydrogen	
Strong alkalis	
Weak alkalis	