

1. Technical characteristics

Construction	Square knitting cord
Material	PTFE + graphit
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. Others physical-mechanical properties

	Specific unit	Nominal value	
Min. operating temperature	°C	- 100	
Max. operating temperature	°C	+ 280	
Max. operating pressure	bar	Valve	200
		Piston pump	150
		Centrifugal	20
Max operating velocity	m.s ⁻¹	Piston pump	2
		Centrifugal	24
Density	g.cm ⁻³	1,6	
Chemical resistance	pH	0 - 14	

4. Chemical resistance table

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