

1. Technical characteristics

Construction	Square braided cord
Material	PTFE
Impregnate	PTFE
Lubricate	Silicon oil

2. Physical-mechanical properties obligatory for delivery and acceptance

	Specific unit	Nominal value	Tested to standard
Dimension of the cord	mm	∅ 4 till 35 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	- 200	
Max operating temperature	°C	+ 280	
Max operating pressure	bar	Valve	150
		Piston pump	150
		Centrifugal pump	15
Max operating velocity	m.s ⁻¹	Piston pump	2
		Centrifugal pump	10
Density	g.cm ⁻³	1,7 ± 15%	
Chemical resistance	pH	0 – 12	

4. Chemical resistance table

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