

1. Technical characteristics

Construction	Square braided cord
Material	cotton
Impregnate	PTFE
Lubricate	---

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	- 10	
Max operating temperature	°C	+ 100	
Max operating pressure	bar	Valve	50
		Piston pump	50
		Centrifugal pump	10
Max operating velocity	m.s ⁻¹	Piston pump	1
		Centrifugal pump	5
Density	g.cm ⁻³	1,2 ± 15%	
Chemical resistance	pH	6 - 9	

4. Chemical resistance table

Good resistance	Medium resistance
Weak acids	Amine, nitrile
Neutral solution	Abrasive medium
steams	Medium acid
inert gases	Mineral oil
food	Solvents
Water	Volatile hydrocarbon
	Weakly alkali
	bitumen