

1. Technical characteristics

Construction	Square braided cord
Material	acrylic
Impregnate	PTFE with graphite
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	- 50	
Max operating temperature	°C	+ 180	
Max operating pressure	bar	Valve	50
		Piston pump	20
		Centrifugal pump	20
Max operating velocity	m.s <sup>-1</sup>	Piston pump	2
		Centrifugal pump	10
Density	g.cm <sup>-3</sup>	1,3 ± 15%	
Chemical resistance	pH	2 – 12	

4. Chemical resistance table

Good resistance	Medium resistance
Weak acids and alkalis	Abrasive mediums
Neutral solution	Medium acids and alkalis
Mineral oils	Acid gases
Synthetic oils	Volatile hydrocarbons
Steam	Hydrogen
Inert gases	Bitumen
Food	
Solvents	
Water	