

### 1. Technical characteristics

Construction	Square knitting cord, equalization of both yarn
Material	PTFE/Graphite + Aramid yarn
Impregnation	---
Lubrication	Silicon oil

### 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	200
		Centrifugal pump	20
Max operating velocity	m.s <sup>-1</sup>	Piston pump	2
		Centrifugal pump	20
Density	g.cm <sup>-3</sup>	1,6	
Chemical resistance	pH	3 – 12	

### 4. Chemical resistance table

Good resistance	Medium resistance
Abrasive medium	Amin, nitril
Weak acids	Medium acid
Neutral solutions	Acide gases
Mineral oils	Volatile hydrocarbon
Synthetic oils	Hydrogen
Steam	
Inert gases	
Solvents	
Water	
Thinning alkali	
Foodstuff	
Bitumen	