

1. Technical characteristics

Construction	Square braided cord
Material	PTFE/Graphite + aramid yarn on the edges
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	∅ 6 till 30 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 Piston pump	300
		Centrifugal pump	200
			20
Max operating velocity	m.s <sup>-1</sup>	Piston pump	2
		Centrifugal pump	20
Density	g.cm <sup>-3</sup>	1,7 ± 15%	
Chemical resistance	pH	3 – 12	

4. Chemical resistance table

Good resistance	Medium resistance
Abrasive mediums	Amine, nitrile
Mild acids	Medium acids
Neutral solutions	Acide gases
Mineral oils	Volatile hydrocarbon
Synthetic oils	Hydrogen
Steams	
Inert gases	
Foods	
Solvents	
Water	
Mild alkalis	
Bitumen	