

1. Technical characteristics

Construction	Square braided cord
Material	Aramid
Impregnation	PTFE
Lubrication	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 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	100
		Piston pump	100
		Centrifugal pump	25
Max operating velocity	m.s ⁻¹	Piston pump	1,5
		Centrifugal pump	20
Density	g.cm ⁻³	1,6 ± 15%	
Chemical resistance	pH	3 – 12	

4. Chemical resistance table

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