

1. Technical characteristics

Construction	Square braided cord
Material	Aramid stapling yarn
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	Valve	100
	Piston pump	100
	Centrifugal pump	25
Max operating velocity	Piston pump	1,5
	Centrifugal pump	20
Density	g.cm ⁻³	1,6 ± 15%
Chemical resistance	pH	2 – 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	