

1. Technical characteristics

Construction	Square braided cord
Material	PTFE + aramid
Impregnation	PTFE
Lubrication	Paraffin oil

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	- 100
Max operating temperature	°C	+ 280
Max operating pressure	Valve	180
	Piston pump	150
	Centrifugal pump	20
Max operating velocity	Piston pump	2
	Centrifugal pump	10
Density	g.cm ⁻³	1,6 ± 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
Syntetic oils	Hydrogen
Steams	
Inert gases	
foods	
Solvents	
Water	
Mild alkalis	
Bitumen	