

1. Technical characteristics

Construction	Square braided cord
Material	Flexible graphite
Graphite purity	99,5%
Impregnate	PTFE
Lubricate	---

2. Physical-mechanical properties obligatory for delivery and acceptance

	Specific unit	Nominal value	Tested to standard
Dimension of the cord	mm	3 - 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	- 200	
Max operating temperature	°C	+ 280	
Max operating pressure	bar	Valve	300
		Piston pump	100
		Centrifugal pump	20
Max operating velocity	m.s ⁻¹	Piston pump	2
		Centrifugal pump	20
Density	g.cm ⁻³	1,1-1,3	
Chemical resistance	pH	0 – 14	

4. Chemical resistance table

Good resistance	Medium resistance
Amine, nitrile	Abrasive slurries
Medium acid	Strong acid
Acids	Strong alkali
Weak acids	Bitumen
Neutral solution	
Mineral oils	
Synthetic oils	
Steams	
Inert gases	
Acid gases	
Solvents	
Volatile hydrocarbons	
Water	
Hydrogen	
Weak alkalis	