

1. Technical characteristics

Construction	Square knitting cord
Material	PTFE + aramid + graphite
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	∅ 3 till 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	- 100
Max operating temperature	°C	+ 280
Max operating pressure	bar	250
		200
		20
Max operating velocity	m.s ⁻¹	5
		20
Density	g.cm ⁻³	1,6
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	Mild alkalis
Inert gases	
Solvents	
Water	
Bitumen	