

1. Technical characteristics

Construction	Square knitting cord
Material	Expanded graphite
Impregnate	---
Lubricate	---

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	- 220
Max operating temperature		+ 450
Max. operating temperature	°C	+ 550
Steam		+ 450
Oxid.gases		+ 1000
Max. operating pressure	bar	250
Valve		100
Piston pump		20
Max.operat. velocity	m.s ⁻¹	1,5
Centrif.pump		20
Density	g.cm ⁻³	0,9-1,3
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
Oxygen (up to 350°C)	
Neutral solution	
Mineral oils	
Synthetic oils	
steams	
inert gases	
Acid gases	
solvents	
Volatile hydrocarbons	
water	
hydrogen	
Weak alkalis	