

1. Technical characteristics

Construction	Square knitting cord
Material	Ramie
Impregnate	PTFE
Lubricate	Mineral 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 062-61-16, 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	- 30	
Max operating temperature	°C	+ 180	
Max operating pressure	bar	Valve	60
		Piston pump	50
		Centrifugal pump	35
Max operating velocity	m.s ⁻¹	Piston pump	5
		Centrifugal pump	13
Density	g.cm ⁻³	1,4	
Chemical resistance	pH	2 – 12	

4. Chemical resistance table

Good resistance	Medium resistance
Sea water	Organic and inorganic solvents
Cold and hot water	Abrasive media
Weak solvents	Medium acid
Air, gases	Drinking water
Paper industry	Colour and paint
Oil and grease	Thinning lye
Food industry	Organic bonding agent
Drinking water	Salty solvents
Outlet water	