

1. Technical characteristics

Construction	Square braided cord
Material	Carbon fiber yarn
Impregnate	PTFE
Lubricate	-----

2. Physical-mechanical properties obligatory for delivery and acceptance

	Specific unit	Nominal value	Tested to standard
Dimension of the cord	mm	∅ 4 till 30 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		+ 300
Max operating pressure	bar	200
		50
		30
Max.operat. velocity	m.s ⁻¹	-
		20
Density	g.cm ⁻³	1,4 ± 15%
Chemical resistance	pH	0 – 14

4. Chemical resistance table

Good resistance	Medium resistance
Volatile hydrocarbons	Abrasive slurries
medium acid	Strong acid
Weak acids	Acid gases
Mineral oils	Strong alkali
Synthetic oils	Bitumen
Neutral solution	Amine, nitrile
inert gases	
Air	
steams	
Weak alkalis	
solvents	
water	