

1. Technical characteristics

| | |
|--------------|---------------------|
| Construction | Square braided cord |
| Material | PTFE + 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 | - 200 |
| Max operating temperature | °C | + 280 |
| Max operating pressure | bar | Valve 600 |
| | | Piston pump 300 |
| | | Centrifugal pump 50 |
| Max operating velocity | m.s ⁻¹ | Piston pump 2 |
| | | Centrifugal pump 10 |
| Density | g.cm ⁻³ | 1,4 ± 15% |
| Chemical resistance | pH | 0 – 14 |

4. Chemical resistance table

| Good resistance | Medium resistance |
|-----------------------|-------------------|
| Amine, nitrile | Abrasive slurries |
| Strong acids | Bitumen |
| Medium acids | |
| Weak acids | |
| Oxygen | |
| Neutral solution | |
| Mineral oils | |
| Synthetic oils | |
| Steams | |
| Inert gases | |
| Acid gases | |
| Food | |
| Solvents | |
| Volatile hydrocarbons | |
| Water | |
| Hydrogen | |
| Strong alkalis | |
| Weak alkalis | |