

1. Technical characteristics

|              |                     |
|--------------|---------------------|
| Construction | Square braided cord |
| Material     | PTFE 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 35 mm<br>see TP 62-061-16,<br>tab. 1 |                    |
| Tolerance of dimension | mm            | see TP 62-061-16,<br>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            | 250 |
|                           |                    | Piston pump      | 150 |
|                           |                    | Centrifugal pump | 20  |
| Max operating velocity    | m.s <sup>-1</sup>  | Piston pump      | 2   |
|                           |                    | Centrifugal pump | 10  |
| Density                   | g.cm <sup>-3</sup> | 1,5 ± 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            |                   |
| Neutral solution      |                   |
| Mineral oils          |                   |
| Steams                |                   |
| Inert gases           |                   |
| Acid gases            |                   |
| Volatile hydrocarbons |                   |
| Water                 |                   |
| Hydrogen              |                   |
| Solvents              |                   |
| Strong alkalis        |                   |
| Weak alkalis          |                   |
| Syntetic oils         |                   |
| Colours, varnish      |                   |