

## TREGRAPH rings

**TREGRAPH rings** have a main application in sealing of the stuffing boxes in valves and pumps.

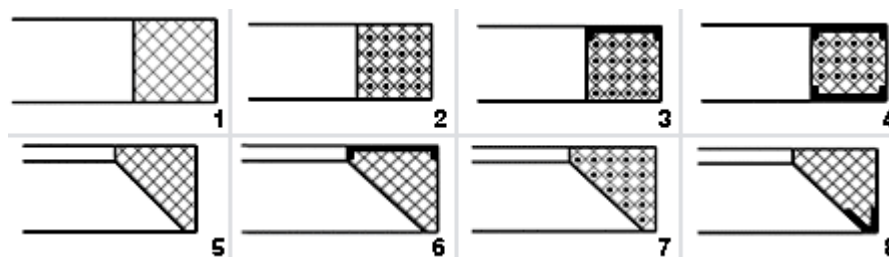
They work at a temperature of the fluid up to 550 , in vacuum - up to 2200 and in inert media - up to 3000 . Resistant to aggressive media - concentrated acids, solutions, hot oils and others with chemical resistance pH 0 - 14.

They are produced with a density 1.4 0.3 g/cm<sup>3</sup>.

They are produced with dimensions and technical characteristics in accordance with the Company standard **AVKO-C 1301-1-02**.

### Types of TREGRAPH RINGS

1. TREGRAPH ® ring
2. TREGRAPH ® AR ring, reinforced with nickel alloy wire
3. TREGRAPH ® AR ring, reinforced with nickel alloy wire and one-side sheet of AISI 316
4. TREGRAPH ® AR ring, reinforced with nickel alloy wire and both sides sheets of AISI 316
5. TREGRAPH ® ring
6. TREGRAPH ® AR ring, one-side sheet of AISI 316
7. Conic TREGRAPH ® AR ring with nickel alloy wire
8. Conic TREGRAPH ® AR ring, corner reinforced with sheet of AISI 316



### Reinforced stuffing package

For sealing of stuffing boxes of pumps and armature, working at pressure of 250 - 300 bar and transported fluid temperature of 500 to 600 °, **AVKO** offers the usage of the reinforced stuffing box set.

The set is most suitable for manual valves, where when the valve is started the bigger losses make the sealant wear out easily.

The reinforced set is remarkable with its advanced flexibility and elasticity of the sealing rings with preservation of the rest of the physical and chemical qualities, which improve the sealing's reliability and lengthen the exploitation period of the reinforced stuffing box set.

In relation with the shaft and the stuffing box's smoothness, **AVKO** offers two versions of sets:

- A set, executed only with TREGRAPH® AR rings (fig.1)
- A set, formed as a combination of TREGRAPH® AR rings and rings from AVKOPACK 1320/320, preliminary compressed with determinate thickness, which allow enough flexibility during the mounting (fig.2)

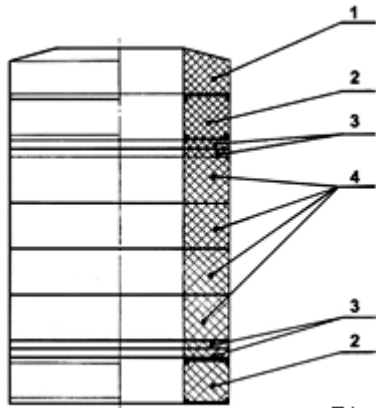


Fig. 1

1. Conic TREGRAPH® AR ring
2. Covered, reinforced TREGRAPH® AR ring
3. Sheet TREGRAPH® AR ring
4. TREGRAPH® AR ring

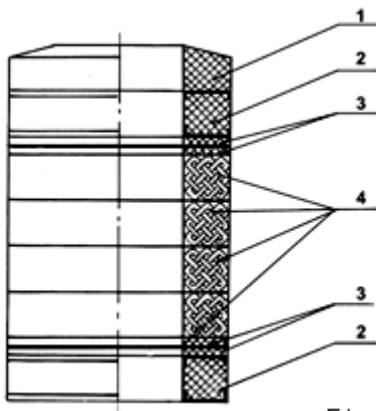


Fig. 2

1. Conic TREGRAPH® AR ring
2. Covered, reinforced TREGRAPH® AR ring
3. Sheet TREGRAPH® AR ring
4. Compression packing ring AVKOPACK® 1320/320