

## **AVKOSEAL® EXPANDED PTFE SHEETS**

### **CHARACTERISTICS**

*Sheets are made from 100 % expanded PTFE, using unique technology for forming of special fibrile structure with extreme strength and parameters.*

### **Application**

*They are used for flange sealing of all media, like oils, petrol water, acids, etc at temperature up to 280°C. Sheets are used for cutting of gaskets and seals for flanges, flat surfaces, heat exchangers, columns, etc.*

### **Advantages**

*Sheets AVKOSEAL® are soft material with excellent sealing parameters. There is fully eliminated effect of "cold flow". It guarantees long and reliable life of gaskets. Sheets are flexible with high rate of compression. They easily take shape of sealed surface, which gave them big advantage for slightly damaged flanges. Suitable for food and pharmaceutical industry, but widely are used in petrol, gas and chemical industry.*

### **Technical parameters**

|                   |                                           |
|-------------------|-------------------------------------------|
| Dimension:        | 1500x1500 mm                              |
| Thickness:        | 0.5; 1.0; 1.5; 2.0; 2.5; 3.0; 4.0; 5.0 mm |
| Max. temperature: | 280°C                                     |
| Max pressure:     | 200 bar                                   |
| Shrinkage:        | 66 %                                      |
| Recovery:         | 16 %                                      |

### **Quality Control**

*The whole production process is supervised in accordance with the Quality System ISO 9001, ISO 14001, OHSAS 18001.*

### **Human hazardous**

*Not registered.*



*The information listed in this technical data sheet is based on our company's trials and experience. AVKO JSC is not to be held responsible for poor installation or application in media combining complexity of factors whose total exceeds the general qualities of the product. Our technical and sales representatives will assist any client in need of a product with a peculiar application.*

*Czech Republic, Tucherazská 1433/17, Cesky Brod 282 01, Tel.: 00420 321 622 657,  
Mobile: 00420 774 164 120, E-mail: [office@avko.eu](mailto:office@avko.eu); Web: [www.avko.eu](http://www.avko.eu)*

**ISO 9001, ISO 14001, OHSAS 18001**