

JOINTING SHEETS TREGRAPH® HIGH T



CHARACTERISTICS

TREGRAPH® HIGH T is a jointing sheet made of expanded graphite and is bilaterally laminated. The coating prevents the sheet from sticking to the sealed surfaces, provides easy cleaning and removal of old gaskets. The bilateral lamination also allows easy manipulation when cutting TREGRAPH® HIGH T and makes it more pliable.

Application

This sheet is used for sealing of flanges, front surfaces, etc. TREGRAPH® HIGH T is recommended especially in industrial applications where the graphite's chemical stability is useful. The sheet is suitable for sealing of fluids at extremely high temperature and pressure..

Advantages

- High temperature resistance; suitable for working conditions with pH 0 ÷ 14, hot water, greases, overheated vapors, ashes, chlorides, sulphides, fluorides, etc; excellent heat conductivity; radiation resistance;
- TREGRAPH® HIGH T has the following advantages to the standard graphite jointing sheets: soft plastic surface, better pliability, does not crack when cut even with regular cutting tools, easy cleaning of the sealed surfaces.

Technical parameters*:

Peak temperature:	650°C
Work temperature:	550°C
Max pressure:	55 bar
Density:	1.1-1.3 g/cm ³
Compressibility ASTM F36:	≥ 43 %
Recovery:	≥ 15 %
Tensile strength:	4,0 MPa
Compression strength:	168 MPa

* All listed parameters are valid for sheet with thickness 2 mm

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.