

Grafoseal C 9432

Description:

C 9432 is an expanded graphite with a purity degree of minimum 98%. The material is strengthened with a special 0.1 mm AISI 316 stainless steel reinforcement. This tanged metal reinforcement binds the graphite mechanically to the steel. For this reason, the material does not contain a binding agent.

Specifications	Values
Basic density before lamination	1.0 g/cm ³
Temperature	-240 to +550 °C
Compressibility ASTM F36/A	35 - 45 %
Recovery ASTM F36/A	10 - 20 %

ASTM fuel B - after 5 hours at 23 °C:

Weight increase	20 - 30 %
Thickness increase	3 - 6 %

ASTM oil no. 3 - after 5 hours at 150 °C:

Weight increase	25 - 35 %
Thickness increase	3 - 6 %

End use applications:

The material is suitable for applications in areas with high chemical and thermal stress. This could be flange gaskets in chemical and steam plants, production plants with thermal variations, heat exchangers and gas coolers.

See the specific media table.

Dimensions: 1.0 - 1.5 - 2.0 - 3.0 mm
1,000 x 1,000 mm – 1000 x 1,300 mm – 1,000 x 1,500 mm