Grafoseal C 9132

Description:

C 9132 is an expanded graphite with a purity degree of 98 per cent average (minimum 96 %). The material is reinforced by a special 0.1 mm stainless AISI 316 steel reinforcement. This tanged metal reinforcement binds the graphite mechanically to the steel. For this reason, the material does not contain a binding agent. C 9132 has excellent resistance to creep even under extreme chemical and thermal stress.

Specifications	Values
Basic density before lamination	1.1 g/cm³
Temperature	-240 to +450° C
Compressibility ASTM F36/A	25 - 40 %
Recovery ASTM F36/A	20 - 45 %
ASTM fuel B - after 5 hours at 23 °C:	
Weight increase	15 - 25 %
Thickness increase	2 - 5 %
ASTM oil no. 3 - after 5 hours at 150 °C:	
Weight increase	15 - 30 %
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: 1.5 - 2.0 mm / 1,000 x 1,300 mm