

Specification

Klinger Graphite Laminate Type PSE... with pegged stainless steel insert.

1.	Compressibility ASTM F36A Recovery	28 - 42 % 13 - 19 %
2.	Density of Graphite	1.0 ± 5 %
3.	Leachable chloride content	max. 50 ppm
4.	Sulfur content	max. 1000 ppm
5.	Purity of graphite	min. 98 % carbon
6.	Tang insert	AISI 316 (AISI316L), 0.10 mm
7.	Thickness increase ASTM Oil 3	max. 2 %
8.	Stress relaxation DIN 52913	min. 48 MPa
9.	Continuous service temp. (in oxidizing atmosphere)	max. 350 ° C *)
10.	Thicknesses	0.80, 1.00, 1.50, 2.00, 3.00 mm
11.	Thicknesses tolerance	± 5 % of nominal thickness
12.	Sheet size	standard: 1000 x 1000 ± 5 mm 1500 x 1500 ± 5 mm 2000 x 1000 ± 5 mm

*) short term 48 hrs up to 450°C feasible.

Other thicknesses and sizes on request.

The technical data stated has been determined with standard material under laboratory conditions. With the variety of installation and operating conditions no guarantee claim can be inferred regarding the behaviour of a flange joint.
The suitability of the product for its purposes has to be determined independently by the buyer. We reserve the right to product changes which serve the purpose of technical progress.

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