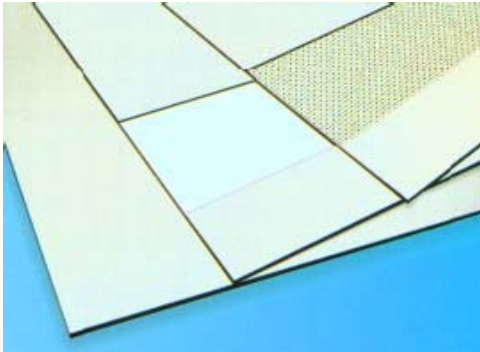


## Pure Graphite with tang inserted Style 9010



### Structure

A graphite laminate material mechanically bonded and available in one meter square sheets or cut gaskets. The material comprises two outer layers of graphite foil with a central tanged stainless steel core 0.1mm thick. The layers are mechanically pressed together in-house with a laminating technique that does not delaminate during punching, storage and use.

### Advantage

Unique anti-stick surface, Greatly reduces maintenance effort and cost, High purity graphite (min 99% pure), No creep (ie flow, relaxation) caused by temperature increases, Resilience from -240°C to +650°C in steam, Excellent sealing of liquids and gases, Excellent resistance to steam. Chemical resistance to virtually all media, Meets most refinery, petrochemical and industrial service requirements for long time periods and a wide range of temperatures. Outstanding performance in cyclic temperatures, Unlimited storage life and Non hazardous, **API 607 FIRE SAFE TEST APPROVAL.**

### Technical Data

Spec	Test Method	Data
Metal Inserted	-	SS304, SS316L, SS321, SS347, Inconel600, Monel400, Hast-C276, etc.
Carbon Content	-	99 % Min.
Bulk Density	ASTM F1315	1.10 g/cm <sup>3</sup>
Ash Content	ASTM C561	≤ 1 %
Temperature Range	-	-240 – 650 °C (In Steam) -200 – 870 °C (In non oxidizing media)
Compressibility	ASTM F36	30 - 40 %
Recovery	ASTM F36	15 - 20 %
Creep Strength	DIN 52913	≥ 48 N/mm <sup>2</sup>
Gas Permeability	DIN 3535 (Thk. 1.5 mm.)	0.1 cm <sup>3</sup> /min
Thickness of Metal	-	0.1 mm.

#### WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Khuner. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice. Khuner is a registered trademark for packing, seals, gaskets, and other products of Khuner.