



A Pure Graphite sheet with tanged stainless steel reinforcement for improved blow out resistance and ease of handling. UKL GPS is mechanically bonded with an excellent Chemical resistance & Thermal properties. Widely used in Petrochemical, Oil & Gas, Steel, Chemical and Automobile industries. Application includes high pressure, high temperature Steam, Exhaust and Speciality chemicals.

Temperature (°C)

Minimum Temperature:	-240
Continuous Maximum Temperature:	460
Continuous Temperature In non oxidizing application:	3000

Pressure (bar)

Maximum Working Pressure:	200
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Typical Physical Properties

ASTM F 36 A	Compressibility (%) min :	40
ASTM F 36 A	Recovery (%) min :	15 to 20
DIN 3535/6	Gas Permeability (ml/min) max	0.6
	Purity (%)	98
	Density (gm/cm ³) +/- 5%	1.0
	Leachable Chloride Content (ppm) max	50
	Sulphur content (ppm) max	1200

Size and thickness

Sheet Size :	1500mmx1500mm, 1000mmx1000mm
Standard thickness :	1 mm to 3 mm
Insert thickness SS316L (mm) :	0.05/0.1

- Special Grade and Thickness available on request.

We reserve the right to product modifications which serve the purpose of technical development.