



A Pure expanded Graphite foil manufactured from purified natural Graphite flakes. UKL GS feature high dependability, even under demanding operating conditions. It has an excellent Chemical resistance & Thermal properties and is extensively used in Automobile, Chemical, Oil & Gas, Petrochemical, Steel and other industrial sectors. Application includes innumerable gases and fluids.

Temperature (°C)

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

Pressure (bar)

Maximum Working Pressure:	30
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Typical Physical Properties

ASTM F 36 A	Compressibility (%) min :	40
ASTM F 36 A	Recovery (%) min :	10 to 15
	Tensile strength (mpa)	3 to 5
DIN 3535/6	Gas Permeability (ml/min) max	1
	Purity (%)	98
	Density (gm/cm ³) +/- 5%	1.0
	Leachable Chloride Content (ppm) max	50

Size and thickness

Standard thickness :	0.5mm to 3 mm
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- Available in roll and sheet depending on thickness.
- **Special Grade, Thickness and Density available on request.**

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