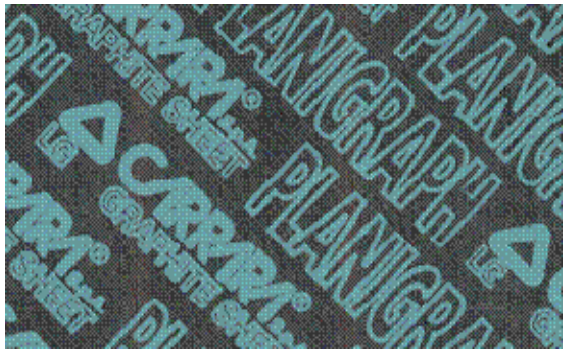
TECHNICAL DATA

PLANIGRAPH LG

T °C	**-100 // +450 (1) / +550 (2)**
P bar	**25**
PH	**0 ÷ 14 (3)**

- 1) with oxidizing media
- 2) with steam and not oxidizing media
- 3) except strong oxidizers

Not use the product while maximum temperature and pressure are combined before to consult the manufacturer



Composition: Pure Graphite

Properties:

- Good scratch resistance, no sticking treatment.
- Low permeability to gases and liquids.
- Can be used in air from the lowest temperatures up to about 450°C.
- Outstanding resistance to chemicals.
- Asbestos-free, presents no health hazard.
- No aging, because of absence of binders.
- Long-term stability of compressibility and recovery over a wide temperature range.
- No measurable cold or warm flow up to maximum permissible compressive stress.
- Very good resistance to thermal shock.
- Good stability under high compressive stress.
- Easily machined by cutting or punching.
- Ability to compensate for any major unevenness.

Applications:

An all-round product for surface static seal on valves, flanges, pumps, pressure vessels and machines, in chemical and petrochemical plants, thermoelectric and nuclear power stations; suitable on glass and enamel flanges.

TECHNICAL DATA

PLANIGRAPH LG

MATERIAL DATA

PLANIGRAPH CARRARA LG						
Thickness		Inch / mm	3/64"/1.0	1/16"/1.5	3/32"/2.0	1/8"/3.0
Size		Inch / mm	40" x 40" - 60" x 60" 1000 x 1000 - 1500 x 1500			
Bulk density of graphite		Gr/cm^3	1.0			
Ash content (DIN 51903)		%	≤ 2.0			
Chloride content		Ppm	≤ 50			
Stability under compressive stress (DIN 529913), 16h, 350°C, initial stress 50 N/mm^2		N/mm^2	≥ 48			
Compressibility	ASTM F36A-66	%	25 to 50			
Recovery	ASTM F36A-66	%	15 to 20			
Weight loss after heating		%	<10			
Breacking strenght		N/mm^2	> 5			
Maximum assembly load		N/mm^2	10			