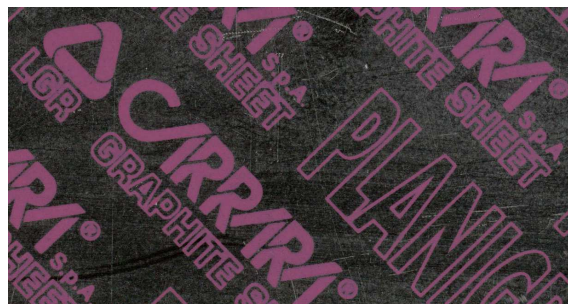


TECHNICAL DATA SHEET - CST 0500/02 - 22/10/2014

PLANIGRAPH LGR

TECHNICAL DATA		
T	°C	-200 // +450 (1) / +550 (2)
P	bar	100
pH		0 ÷ 14 (3)



1) with low oxidizing fluids or gases - 2) with steam and not oxidizing fluids or gases - 3) except strong oxidizing fluids or gases

Composition

- Pure graphite
- Impregnated with anti-stick on both side on demand
- One flat 316L insert thk 0,05 mm

Features

Flange gaskets for industrial piping, valve flange and heat exchanger flange.

PLANIGRAPH LGR		technical data <i>the technical data refer to the gasket thickness 1,50 mm</i>
Graphite density	gr/cm ³	1.0
Ash content	%	≤ 2.00
Reinforcing sheet material	S.S.	316L
Reinforcing sheet thickness	mm	0.05
Reinforcing sheet number	No.	1
Relaxation stress 16h, 300°C, initial stress 50 N/mm ²	N/mm ²	> 45
Compressibility	%	40 - 50
Recovery	%	10 - 15
Maximum assembly load under service condition	N/mm ²	60
Available sizes : (mm) 1.000 x 1.000 and 1.500 x 1.500; (inch) 40" x 40" and 60" x 60"		
Available thickness: (mm) 0,5 ÷ 1,0 ÷ 1,5 ÷ 2,0 ÷ 3,0; (inch) 1/64" ÷ 3/64" ÷ 1/16" ÷ 5/64" ÷ 1/8"; other thickness available on demand.		