

TECHNICAL DATA SHEET - CST 0510/01 - 23/07/2003

PLANIGRAPH LGRF

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
- Tanged SS316L Insert

Features

Flange gaskets for industrial piping and machines

PLANIGRAPH LGRF		technical data 1.50 mm thk
Graphite density	gr/cm ³	1.00
Ash content	%	< 2.00
Reinforcing sheet material	S.Steel	316L
Reinforcing sheet thickness	mm	0.10
Reinforcing sheet number	No.	1
Relaxation stress 16h, 300°C, initial stress 50 N/mm ²	N/mm ²	> 45
Compressibility	%	30 - 40
Recovery	%	15 - 20
Maximum assembly load under service conditions	N/mm ²	140
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) 1,0 ÷ 1,5 ÷ 2,0 ÷ 3,0; (inch) 3/64" ÷ 1/16" ÷ 5/64" ÷ 1/8"; other thickness available on demand.		