



CARRARA®

COMPANY
WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
=ISO 9001:2000=

Packings & Gaskets

TECHNICAL DATA SHEET - CST 0510/03 - 15/10/2013

PLANIGRAPH JOINTING SHEETS

TECHNICAL DATA		
T	°C	-100 ÷ 400 (1) / 550 (2)
P	bar	100(4)
Ph		0 + 14 (3)

- (1) The temperature has to be lower than 400°C with mild oxidizers and hot air
- (2) With Steam the maximum temperature is 550°C
- (3) Avoid the strong oxidizers
- (4) The suitable pressure depends to the temperature and to the gaskets area, in any case no bigger than 10 MPa
- (5) Avoid the product's use at the maximum temperature and pressure associated values without consult the manufacturer.

Composition

- Pure graphite
- Anti-stick coating on both side available on demand
- SS316 Inserts (styles LGR and LGRF)

Features

Flange gaskets for industrial piping, machines and bonnets

PLANIGRAPH	U.M.	technical data refers to 1.50 mm th.		
		LG	LGR	LGRF
Thickness	Inch / mm	(1/16" - 3/16") / 1.00 - 5.00		
Size	Inch / mm	40" x 40" - 1000 x 1000 60" x 60" - 1500 x 1500		
Graphite density	gr/cm ³	1.00 ÷ 1.10		
Ash content	%	≤ 2.00		
Reinforcing sheet material	S.Steel		316L	316L
Reinforcing sheet thickness	mm		0.05	0.10
Reinforcing sheet number	No.		1	1
Relaxation stress 16h, 300°C, initial stress 50 N/mm ²	N/mm ²	> 45	>45	> 48
Compressibility	%	35 - 40	40 - 50	35 - 45
Recovery	%	3 - 5	10 - 15	15 - 20
Maximum assembly load under service conditions	N/mm ²	100	60	140