



# CARRARA®

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

Packings & Gaskets

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

## PLANIGRAPH LGRF

### TECHNICAL DATA

<b>T</b>	<b>°C</b>	<b>-100 // +450 (1) / +550 (2)</b>
<b>P</b>	<b>bar</b>	<b>100</b>
<b>Ph</b>		<b>0 ÷ 14 (3)</b>



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 SS316 Insert

### Features

Flange gaskets for industrial piping and machines

PLANIGRAPH LGRF		technical data 1.50 mm th
Thickness	Inch / mm	(1/16" - 1/8") / 1.00 - 3.00
Size	Inch / mm	60" x 60" - 1500 x 1500
Graphite density	gr/cm <sup>3</sup>	1.10
Ash content	%	≤ 2.00
Reinforcing sheet material	S.Steel	316
Reinforcing sheet thickness	mm	0.10
Reinforcing sheet number	No.	1
Relaxation stress 16h, 300°C, initial stress 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	> 48
Compressibility	%	30 - 40
Recovery	%	15 - 20
Maximum assembly load under service conditions	N/mm <sup>2</sup>	140

Carrara S.p.A., Via Provinciale 1/E 25030 Adro - BS - Italia - tel. +39 030 7451121/29 - fax +39 030 7451130/7453238 - <http://www.carrara.it> - [info@carrara.it](mailto:info@carrara.it)

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