



CARRARA®

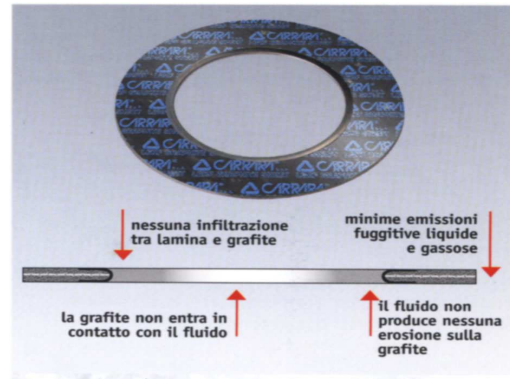
Packings & Gaskets

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

TECHNICAL DATA SHEET - CST 0520/01 - 23/07/2003

PLANIGRAPH METALBOND I

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



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 tanged inserted SS 316
- inner (outer on demand) eyelet thickness 0.2 mm.

Features

- Ideal for the flat gaskets on R.F. flanges Class 150 ANSI B16.5 and 300.
- good stability to chemicals
- good resistance to thermal shocks
- resistant to aging, it doesn't become fragile since it doesn't contain binders
- it can be used from very low temperature up to 550 °C and above depending on installation and work conditions.

Applications

- fire and explosion safety standards
- METALBOND gaskets are for hot oil, heating boilers and piping, level indicators, pumps, couplings, power plants steam ducts, tubing and piping for chemical industries and for equipment operating with chemicals.



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MATERIAL DATA

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Thickness	Inch / mm	3/32"/2.0	1/8"/3.0
Size	Inch / mm	All ASME B16.21 size All size up to diameter 1.500 mm	
Bulk density of the graphite	gr/cm ³	1.00	
Ash content (DIN 51903)	%	≤ 2.0	
material of reinforcing foil and eyelet	S.Steel	AISI 316	
Thickness of reinforcing foil	mm	0.10	
Stability under compressive stress (DIN 529913), 16h, 300°C, initial stress 50 N/mm ²	N/mm ²	≥ 48	
Compressibility	ASTM F36 %	30 to 40	
Recovery	ASTM F36 %	15 to 20	
Maximum assembly load	N/mm ²	120	