



# PLANIX™ MEGATHERM HIGH

## Composition

- Vermiculite
- Biosoluble fibers
- NBR rubber
- Tanged SS316L foil

## Characteristics

Planix Megatherm High is a product composed of expanded vermiculite sheets mixed with heat-resistant biosoluble fibers and bonded with NBR rubber. Its extremely balanced composition allows a reduced weight loss of the product.

## Applications

Planix Megatherm High is an oxidation-free product designed to withstand the toughest applications. Thanks to its particular chemical formulation these gaskets can be used for critical applications where other products do not guarantee resistance, duration and reliability up to temperatures of 950 ° C.

## Tech Data

Megatherm High		
Compressibility DIN 3535-6	%	>20
Recovery DIN 3535-6	%	>2.2
Creep relaxation DIN 3535-6	%	<18
Leakage DIN 3535-6	mg/(s*m)	<0.10
Max recommended temperature	°C	950
Pressure		
Room Temperature	bar	60
High temperature	bar	2
Colour	Gold	Brown
Dimensions		
Standard L x W	mm	1500 x 1500
Other L x W	mm	1000 x 1000
Thickness	mm	1 ÷ 3
Tolerances		
L & W	mm	+/- 50
Thickness	%	+/- 10

- Do not use the product at maximum temperature values and for uses at pressures higher than those typical of the Flue Gases. Consult the manufacturer for further information.
- Other gasketing sheet dimensions and thicknesses are available on request



## Planix™ Megatherm High

The Planix Megatherm range includes a complete set of gasketing sheets intended for high temperature services with oxidizing fluids that cannot be handled by graphite gaskets. The products are made both with vermiculite treated with special bio-soluble fibers and with phlogopite mica to offer a wide choice. The sheets without reinforcement are also suitable as an insulating material due to the high dielectric value of the mica.

- **Planix Megatherm High**
  - Vermiculite reinforced gasketing sheet
- **Planix Megatherm R**
  - Mica Phlogopite reinforced gasketing sheets
- **Planix Megatherm S**
  - Mica Phlogopite without reinforcement
- **Planix Megatherm Filler**
  - Mica Phlogopite for semi-metallic gaskets



The information in this publication and otherwise provided to users is based on experience and is provided to the best of our current knowledge. Due to many factors which are beyond our knowledge and control affecting the use of the products, no warranties are given or are to be held implied with respect to such information. The operating limits shown in this publication do not constitute a statement that these values can be applied simultaneously. Do not use the product at the associated maximum temperature and pressure values. The maximum temperature can be sustained for short exposures in particular conditions. Specifications are subject to change without notice.



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