



# MEGATHERM

## Composition

The core of Megatherm consists of yarns of Mica inorganic fibers with high thermal resistance, reinforced with Ni-Cr, and impregnated with a special vermiculite-based compound. This unique combination of materials offers superior thermal and mechanical performance.


## Characteristics

Megatherm offers exceptional thermal resistance for high-temperature environments while ensuring optimal pliability thanks to the Ni-Cr mesh. Impregnation with a vermiculite-based compound contributes to its reliability, providing versatility in oxidizing environments without compromising performance.

## Applications

This sealing braided packing is the ideal choice for sealing valves, airlocks for hot air, exhaust gases, and oxidizing fluids. Due to its insulating properties, it can also be used as an insulating material in high-temperature situations. It is strongly recommended to contact the technical department Carrara before exposure to molten salts, fluorine and chlorine compounds, nitric acid and ammonium nitrate used in fertilizers.

## Tech Data

	P bar	lbf/in2	Vm/S	f/pm	pH	T°C	T°F
	5	75	1	200	0 ÷ 14	-40 ÷ 1000	-40 ÷ 1800

- The peak temperature can be sustained for short exposures
- 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.
- Contact the Carrara technical office for information on the maximum applicable pressure of the product



## Megatherm

Megatherm represents an innovative sealing braided packing designed to tackle the most challenging environmental conditions, such as high temperatures and oxidant environment. Its unique construction utilizes yarns based on Mica inorganic fibers impregnated with vermiculite, integrated into a special Ni-Cr mesh to provide maximum pliability.



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**  
GLOBAL SEALING SOLUTIONS

**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)