



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 or under pressures higher than those typical of 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, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.

 **CARRARA**
GLOBAL SEALING SOLUTIONS

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