MEGATHERM

Composition

The core of Megatherm consists of yarns of mineral and inorganic yarns 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.

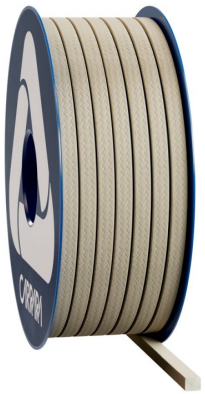
Applications

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 only for short exposure periods.
- Do not use the product at maximum temperature values or under pressures higher than those typical of flue gases. Contact 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 mineral and inorganic yarns impregnated with vermiculite, integrated into a special Ni-Cr mesh to provide maximum pliability.

The information provided in this publication, as well as that supplied to users in other forms, is based on our experience and communicated according to the best knowledge available. However, since numerous factors beyond our knowledge and control may influence the use of the products, no warranty, explicit or implicit, is given regarding such content. The operating limits indicated do not constitute confirmation that these values can be applied simultaneously. Avoid using the product at the maximum temperature and pressure limits. The maximum temperature is sustainable only for short periods under specific conditions. Specifications may be changed without notice. The images in the DS may not exactly represent the product, its color and/or marking.

CARRARA GLOBAL SEALING SOLUTIONS

Carrara S.p.A.,
Via Provinciale 1/E - 25030 Adro - BS - Italia
tel. +39 030 7451121 carrara.it - info@carrara.it