



# MEGATHERM

## Composition

The core of Megatherm consists of yarns of 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 braid 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 essential to note that Megatherm is not suitable for 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
	50	750	1	200	0 ÷ 14	-40 ÷ 750	-40 ÷ 1400

- 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.



## Megatherm

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



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