

MG 780 C

EXPANDED MINERAL GRAPHITE PACKING FOR VALVES & PUMPS

■ COMPOSITION

The packing MG 780 C is manufactured by MONTERO from pure expanded mineral graphite of the highest quality with corrosion inhibitor and a reinforced carbon yarn in each ones.

The advantages of expanded mineral graphite are its flexibility, compressibility and ignifuge, It has got a excellent chemical resistance to most of the fluids and its perid of stock is unlimited .It is available with wire reference MG 780 R.

A combination of pure expanded graphite rings with MG 420 packing at each end gives improved valve sealing over a wide range of pressures and temperatures.

It is available in pumps and valves and in a wide range of applications in many kind of industries.

Where there is a possibility of extrusion, the use of our anti-extrusion rings (our ref. MG-420) is recommended.

■ PARAMETER

MG-780 C	Maximum working conditions
TEMPERATURE (°C)	-200 to +650
PRESSURE (Bar)	300
VELOCITY (m/s)	10
P-H	0-14

■ APLICACIONES

Valves
Gate
Globe
Check
Ball
Plug
Jacketed, criogenic, Pressure seals, etc
Pumps and Agitators.
Other applications:
Static equipment and in a general way in every static at high temperatures or in criogenic applications, as it is the only one material that is able to work at -165°C.

Pumps & valves in:
POWER & NUCLEAR PLANT
PAPER & PULP MILL.
CHEMICAL & PETROCHEMICAL INDUSTRY.
SUGAR & FOOD INDUSTRY.
CEMENT PLANT.
STEEL & FOUNDRY FACTORIES.
MARINE INDUSTRY, etc.



Montero[®]

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The data given on this technical sheet should not be used as applications limits, but as guidance for an appropriate choice. We can offer guarantees only for the quality of our products.



Product Description: Graphite packing, MG-780C

Item	Standard Value
Density (g/cm ³)	≥1.20
Compressibility (%)	25~45
Recovery (%)	≥35
Graphite Content (%)	≥99.0
Sulfur Content (PPm)	≤100
Chlorin Content (PPm)	≤15
Weight Lose After Heating 650°C(%)	≤3
Friction Coefficient	≤0.05
Max. Temperature (°C)	650



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WARNING:

Properties/applications shown through out this brochure are typical. Your specific application should not be under taken without independent study and evaluation for suitability. For specific application recommendations consult Montero. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors.

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