

## High Pressure Seal Ring



Montero high pressure seal ring made of pure mineral graphite ring from pure exfoliated tape with phosphorus corrosion inhibitor and covered with SS316L top and bottom.

Montero high pressure seal ring's Geometry and density design has been developed to solve very high pressure problems, on a wide range of chemical products, even with fire safe restrictions and in cryogenic conditions.

### Technical Data:

Density of Graphite	:	2.4 g/cm <sup>3</sup>
Purity of Graphite	:	>99.5%
Ash Content	:	<0.5%
Sulfur Content	:	<5 ppm
Chlorine Content	:	<2 ppm
Maximum Temperature :	:	700 °C
Minimum Temperature	:	-240 °C Cryogenics
Maximum Pressure	:	1400 bar
Compressibility	:	20%
Recovery	:	>35%
Chemical Resistant (pH)	:	0 – 14
Application	:	Valve
Weight Lose After Heating 650 °C :	:	<0.05%

#### WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken 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. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice. Montero is a registered trademark for packing, seals, gaskets, and other products of Montero.