

## DESCRIPTION

JUNIO OR260 Metal O-ring is the unique gasket made of metal tube which is formed and butt welded into a round shape or other shapes.

The gasket is equipped with various advantages and it can be sealed with low tightening force, can be formed into various shapes according to the shapes of mating face and can be used for high temperature, high pressure and ultra-vacuum services. It is the most suitable gasket for sealing such machinery and equipments that space factor and compactness are accounted much of for their designs. Special surface coating is available according to necessity.



## PERFORMANCE COMPARISON

Type	Basic Type Metal O-Ring	Balanced Type Metal O-Ring
Pressure	It is suitable for medium pressure service ranging from 10 -12 torr vacuum to 70kg/cm <sup>2</sup> [6.8 MPa], It is necessary to use with a retainer ring when used on raised or flat face flange.	The holes at the inside against internal pressure or at the outside external pressure. It is mainly used for higher pressure exceeding 70kgf/cm <sup>2</sup>
Application	Vacuum equipments, combustion engines, electronic apparatus, heavy electric machinery and apparatus. Hydraulic machinery and equipments, plastic forming machines, on joints in aircrafts, pile.	On joint in aircrafts, pile, vacuum equipments, combustion engines, electronic apparatus, heavy electric machinery and apparatus. Hydraulic machinery and equipment, plastics forming machines.

## MATERIAL

Material	Temperature ( )	Uses
SS 304	-250 ~ 540	Tubes
SS 321	-250 ~ 870	
Inconel X - 750	-250 ~ 1,090	
Incoloy 800	-250 ~ 980	
PTFE Coating	-250 ~ 260	Surface Treatment
Silver Plating	-250 ~ 650	
Nickel Plating	-250 ~ 760	
Copper Plating	-250 ~ 700	



All data quoted are based on our extensive tests and years of experience, however, they can only serve as guide values. Failure to select proper sealing products could result in property damage and serious injury. Specifications are subject to change without notice.