

JUNIO G800 GRAPHITE GASKET

CONSTRUCTION

JUNIO G800 (Reinforced) Graphite Gasket is made from graphite as homogeneous, reinforced by metal mesh, foil or tanged metal. It offers excellent sealing capabilities such as thermal stability, self-lubrication, corrosion resistance, without being brittle and aging etc., under extreme conditions with a longer life and less maintenance.



Recommended style is G800T-304, G800T IO-304

Sheet Style	800	800P	800T	800M
Sheet Construction				
Insert material	None	SS304, 316 etc	SS304, 316, CS	CS, 304/316
		Foil	Tanged	Mesh
		0.05mm	0.1mm, 0.25mm-CS	0.1mm
Without eyelet	G800	G800P	G800T	G800M
With inner eyelet	G800 IE	G800P IE	G800T IE	G800M IE
With outer eyelet	G800 OE	G800P OE	G800T OE	G800M OE
With I & O eyelets	G800 IO	G800P IO	G800T IO	G800M IO

APPLICATION & PROPERTIES

Various shapes are available, used in petrochemical, mining, vessels, boilers, piping and duct, pumps and valves, flanges etc. Suitable for steam, mineral oils, heat transfer oils, hydraulic oil, fuel, water, seawater, freshwater etc.

Sheet Style	800	800P	800T	800M
Compressibility	30%	15~35%	15~35%	15~35%
Recovery	≥10%	≥20%	≥20%	≥20%
Pressure	40bar	200bar	300bar	200bar
Density g/cm ³	0.7; 1.0	1.0	1.0	1.0
Temperature	-240~560	-240~560	-240~560	-240~560
PH	0~14	0~14	0~14	0~14



Graphite properties

Item	Tolerance of density	C≥%	Tensile strength	Sulphur content	Chlorine content	Stress relaxation	Ignition loss
Industrial	±0.06 g/cm ³	98	4 Mpa	<1000ppm	<50ppm	10%	2.0≤%
Nuclear	±0.05 g/cm ³	99.5	5 Mpa	<700ppm	<35ppm	10%	0.5≤%

DIMENSION

ASME B16.21, DIN2690, and according to your requirement

Order example

G800T-IO-316, ASME B16.21, RF, 2mm

Made from graphite reinforced with tanged SS316, with SS316 inner & outer eyelets

Dimension is based on ASME B16.21 RF flange, thickness is 2 mm

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.

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