

**GRO Min/Max Burst Pressure @ 72°F (psig)/22°C (barg)**

Pipe Size (in)	Burst Pressure 316 SS			
	MIN		MAX	
	psig	barg	psig	barg
1.0 DN 25	20	1.4	150	10.3
1.5 DN 40	13	0.9	150	10.3
2.0 DN 50	10	0.7	150	10.3
3.0 DN 80	7	0.5	150	10.3
4.0 DN 100	5	0.3	150	10.3
6.0 DN 150	3	0.2	100	6.9
8.0 DN 200	2.5	0.2	100	6.9

**Burst Tolerance**

±5% above 40 psig	±2 psig from 15 to 40 psig	±1 psig below 15 psig
-------------------	----------------------------	-----------------------

**Free Flow Area/Minimum Net Flow Area (MNFA)**

Disk Size In.	Net Flow Area Sq. In.
1	0.714
1.5	1.606
2	2.856
3	6.426
4	11.425
6	25.706
8	45.699
10	71.405

<b>Graphite vs. Stainless Steel Comparison</b>	Oseco Stainless Steel GR Series Discs	Competitor Graphite Disc
No holder required	Yes	Yes
Fully opening vacuum supports	Yes	No
Operation to 60% set pressure (high-cycling)	Yes	Yes
Corrosion-resistant material in contact with process	Yes	Sometimes*
Burst pressure not subject to change over time	Yes	Sometimes*
Nonfragmenting design	Yes	No
Non-torque-sensitive	Yes	No
Dust-free service	Yes	No
Damage resistance	High	Low
Maximum temperature (° F)	500	338

\*Graphite is sensitive to wet oxidizing conditions. Incomplete resin treatment of graphite can also cause gradual changes in its burst pressure.