

Gold Wire Ring Vacuum Gaskets

Pure Gold (99.99%) wire ring vacuum gaskets are available in four diameters of wire; ie. 0.020", 0.025", 0.031", and 0.040" diameters. Any size gold gasket can be constructed from these wires as listed in the table below. When ordering gaskets determine the I.D. as closely as possible and order using the gold diameter and your measured gasket I.D. Remember when ordering that gold gaskets can be stretched slightly (1 to 2%) to allow snug fitting by stretching the gasket into place during installation. Determine the gasket price from the table below by using the nearest dimensions. Larger sizes are available on special request.

Pure gold is the preferred material for most mass spectrometer gold gasket fabrication, including those manufactured by Thermo MAT (formerly Varian MAT) and AEI/Kratos. Pure gold is very soft, ductile, and can be used at elevated temperatures. When used

correctly, flanges can be resealed several times (especially with the thicker gaskets) and will not damage the flanges. Other materials (such as gold alloys sold by other suppliers) are either too hard and will damage the flanges or are not capable of operating at elevated temperatures. Therefore pure gold is the only material recommended on heated flanges requiring wire 'O' ring style gaskets.

For complete part number replace "xxx" with wire diameter in inches.

Example: Part #GG030-020 is a gold gasket made from .020" gold wire with an ID of 0.30".

Gold Exchange- Pure gold used in gold gaskets can be sent back for credit or exchange. Exchange price is _____per gram. Only pure gold will be accepted.

Part Number	Inside Dia. Inches	Inside Dia. MM	Gold .020"/.5mm Dia. - 020	Gold .025"/.63mm Dia. - 025	Gold .031"/.79mm Dia. - 031	Gold .040"/1.0mm Dia. - 040
GG030-xxx	0.30	7.6	GG030020	GG030025	GG030031	GG030040
GG040-xxx	0.40	10.2	GG040020	GG040025	GG040031	GG040040
GG050-xxx	0.50	12.7	GG050020	GG050025	GG050031	GG050040
GG060-xxx	0.60	15.2	GG060020	GG060025	GG060031	GG060040
GG063-xxx	0.63	16.0	GG063020	GG063025	GG063031	GG063040
GG070-xxx	0.70	17.8	GG070020	GG070025	GG070031	GG070040
GG075-xxx	0.75	19.1	GG075020	GG075025	GG075031	GG075040
GG080-xxx	0.80	20.3	GG080020	GG080025	GG080031	GG080040
GG085-xxx	0.85	21.6	GG085020	GG085025	GG085031	GG085040
GG088-xxx	0.88	22.4	GG088020	GG088025	GG088031	GG088040
GG090-xxx	0.90	22.9	GG090020	GG090025	GG090031	GG090040
GG100-xxx	1.00	25.4	GG100020	GG100025	GG100031	GG100040
GG110-xxx	1.10	27.9	GG110020	GG110025	GG110031	GG110040
GG113-xxx	1.13	28.7	GG113020	GG113025	GG113031	GG113040
GG118-xxx	1.18	30.0	GG118020	GG118025	GG118031	GG118040
GG125-xxx	1.25	31.7	GG125020	GG125025	GG125031	GG125040
GG130-xxx	1.30	33.0	GG130020	GG130025	GG130031	GG130040
GG140-xxx	1.40	35.6	GG140020	GG140025	GG140031	GG140040
GG150-xxx	1.50	38.1	GG150020	GG150025	GG150031	GG150040
GG175-xxx	1.75	44.5	GG175020	GG175025	GG175031	GG175040
GG185-xxx	1.85	47.0	GG185020	GG185025	GG185031	GG185040
GG190-xxx	1.90	48.3	GG190020	GG190025	GG190031	GG190040
GG200-xxx	2.00	50.8	GG200020	GG200025	GG200031	GG200040
GG213-xxx	2.13	54.1	GG213020	GG213025	GG213031	GG213040
GG225-xxx	2.25	57.1	GG225020	GG225025	GG225031	GG225040
GG230-xxx	2.30	58.4	GG230020	GG230025	GG230031	GG230040
GG250-xxx	2.50	63.5	GG250020	GG250025	GG250031	GG250040
GG260-xxx	2.60	66.0	GG260020	GG260025	GG260031	GG260040
GG270-xxx	2.70	68.6	GG270020	GG270025	GG270031	GG270040
GG275-xxx	2.75	69.9	GG275020	GG275025	GG275031	GG275040
GG300-xxx	3.00	76.2	GG300020	GG300025	GG300031	GG300040
GG325-xxx	3.25	82.6	GG325020	GG325025	GG325031	GG325040
GG340-xxx	3.40	86.4	GG340020	GG340025	GG340031	GG340040
GG350-xxx	3.50	88.9	GG350020	GG350025	GG350031	GG350040
GG380-xxx	3.80	96.5	GG380020	GG380025	GG380031	GG380040
GG400-xxx	4.00	101.6	GG400020	GG400025	GG400031	GG400040
GG450-xxx	4.50	114.3	GG450020	GG450025	GG450031	GG450040
GG500-xxx	5.00	127.0	GG500020	GG500025	GG500031	GG500040
GG550-xxx	5.50	139.7	GG550020	GG550025	GG550031	GG550040
GG600-xxx	6.00	152.4	GG600020	GG600025	GG600031	GG600040

Gaskets should be ordered to the nearest inside diameter listed above.

Platinum Gaskets are also available from S.I.S. Please call for Pricing and Availability.