



VARSAL

Spectrophotometer Cells Price List

Spectrophotometer Cells Description

Varsal manufactures many popular types of UV-VIS-NIR spectrophotometer cuvettes including micro-cells. Varsal's cells comply with international standards and are compatible with many brands of spectrophotometers.

Guide to Spectrophotometer Cell Materials

Material	Code	Application	% Transmission	Matching Tolerance
Optical Glass	G	VIS	> 80% @ 360nm	Within 0.3% @ 360 nm
Quartz	Q	UV-VIS	> 80% @ 240nm	Within 0.3% @ 240nm
Quartz	I	UV-VIS-NIR	> 80% @ 2730nm	Within 0.3% @ 2730nm

Types of Cells

Type	Description
1	Standard Rectangular
1GS	GS Rectangular with Graded Seal
3	Fluorimeter Rectangular
3GS	GS Fluorimeter Rectangular w/Graded Seal
9	Semi-Micro Rectangular
9B	Semi-Micro Self Masking
9F	Semi-Micro Fluorimeter
17	Micro Short Rectangular
17B	Micro Short Self Masking
18	Micro with Lid
18B	Self Masking Micro
18F	Micro Fluorimeter
21	Standard Rectangular with Stopper
23	Fluorimeter Rectangular with Stopper
29	Semi Micro with Stopper
29B	Semi Micro w/Stopper Self Masking
30	Micro with Stopper
30B	Micro w/Stopper Self Masking
30F	Micro Fluorimeter with Stopper
32	Cylindrical Cell One Stopper
34	Cylindrical Cell Two Stoppers
34S	Cylindrical Cell with Screw Cap
37	Long Outlet Cylindrical
96	Absorption Meter Rectangular

List of Most Popular Spectrophotometer Cells

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-31-G10	1-G-10	VIS	Type 1 w/lid	Optical Glass	10mm	3.5ml	21.30
406-31-G50	1-G-50	VIS	Type 1 w/lid	Optical Glass	50mm	17.5ml	40.50
406-31-Q10	1-Q-10	UV-VIS	Type 1 w/lid	Quartz	10mm	3.5mm	62.00
406-31-I5	1-I-5	UV-VIS-NIR	Type 1 w/lid	Quartz	5mm	1.7ml	62.00
406-31-I10	1-I-10	UV-VIS-NIR	Type 1 w/lid	Quartz	10mm	3.5ml	62.00
406-33-G5	3-G-5	VIS	Type 3 w/lid	Optical Glass	5mm	1.7ml	40.63
406-33-G10	3-G-10	VIS	Type 3 w/lid	Optical Glass	10mm	3.5ml	40.63
406-321-I10	21-I-10	UV-VIS-NIR	Type 21 w/stopper	Quartz	10mm	3.5ml	85.75
406-334-I50	34-I-50	UV-VIS-NIR	Type 34 w/stoppers	Quartz	50mm	14.1ml	150.00
406-334-G100	34-G-100	VIS	Type 34 w/stoppers	Optical Glass	100mm	28.2ml	90.00

Complete List of Spectrophotometer Cells

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-31-G1	1-G-1	VIS	Type 1 w/Lid	Optical Glass	1mm	0.4ml	27.00
406-31-Q1	1-Q-1	UV-VIS	Type 1 w/Lid	Quartz	1mm	0.4ml	72.00
406-31-I1	1-I-1	UV-VIS-NIR	Type 1 w/Lid	Quartz	1mm	0.4ml	72.00
406-31-G2	1-G-2	VIS	Type 1 w/Lid	Optical Glass	2mm	0.7ml	27.00
406-31-Q2	1-Q-2	UV-VIS	Type 1 w/Lid	Quartz	2mm	0.7ml	72.00
406-31-I2	1-I-2	UV-VIS-NIR	Type 1 w/Lid	Quartz	2mm	0.7ml	72.00
406-31-G5	1-G-5	VIS	Type 1 w/Lid	Optical Glass	5mm	1.7ml	21.30
406-31-Q5	1-Q-5	UV-VIS	Type 1 w/Lid	Quartz	5mm	1.7ml	62.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-31-I5	1-I-5	UV-VIS-NIR	Type 1 w/Lid	Quartz	5mm	1.7ml	62.00
406-31-G10	1-G-10	VIS	Type 1 w/Lid	Optical Glass	10mm	3.5ml	21.30
406-31-Q10	1-Q-10	UV-VIS	Type 1 w/Lid	Quartz	10mm	3.5ml	62.00
406-31-I10	1-I-10	UV-VIS-NIR	Type 1 w/Lid	Quartz	10mm	3.5ml	62.00
406-31-G20	1-G-20	VIS	Type 1 w/Lid	Optical Glass	20mm	7.0ml	25.80
406-31-Q20	1-Q-20	UV-VIS	Type 1 w/Lid	Quartz	20mm	7.0ml	84.00
406-31-I20	1-I-20	UV-VIS-NIR	Type 1 w/Lid	Quartz	20mm	7.0ml	84.00
406-31-G30	1-G-30	VIS	Type 1 w/Lid	Optical Glass	30mm	10.5ml	29.20
406-31-Q30	1-Q-30	UV-VIS	Type 1 w/Lid	Quartz	30mm	10.5ml	97.00
406-31-I30	1-I-30	UV-VIS-NIR	Type 1 w/Lid	Quartz	30mm	10.5ml	97.00
406-31-G40	1-G-40	VIS	Type 1 w/Lid	Optical Glass	40mm	14.0ml	30.40
406-31-Q40	1-Q-40	UV-VIS	Type 1 w/Lid	Quartz	40mm	14.0ml	108.00
406-31-I40	1-I-40	UV-VIS-NIR	Type 1 w/lid	Quartz	40mm	14.0ml	108.00
406-31-G50	1-G-50	VIS	Type 1 w/lid	Optical Glass	50mm	17.5ml	40.50
406-31-Q50	1-Q-50	UV-VIS	Type 1 w/lid	Quartz	50mm	17.5ml	116.00
406-31-I50	1-I-50	UV-VIS-NIR	Type 1 w/lid	Quartz	50mm	17.5ml	116.00
406-31GS-Q10	1GS-Q-10	UV-VIS	Type 1GS w/ Graded Seal	Quartz	10mm	3.5ml	144.00
406-31GS-I10	1GS-I-10	UV-VIS-NIR	Type 1GS w/ Graded Seal	Quartz	10mm	3.5ml	144.00
406-33-G5	3-G-5	VIS	Type 3 w/lid	Optical Glass	5mm	1.7ml	40.63
406-33-Q5	3-Q-5	UV-VIS	Type 3 w/lid	Quartz	5mm	1.7ml	123.50
406-33-I5	3-I-5	UV-VIS-NIR	Type 3 w/lid	Quartz	5mm	1.7ml	123.50
406-33-G10	3-G-10	VIS	Type 3 w/lid	Optical Glass	10mm	3.5ml	40.63
406-33-Q10	3-Q-10	UV-VIS	Type 3 w/lid	Quartz	10mm	3.5ml	123.50

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-33-I5	3-I-10	UV-VIS-NIR	Type 3 w/lid	Quartz	10mm	3.5ml	123.50
406-33-G20	3-G-20	VIS	Type 3 w/Lid	Optical Glass	20mm	7.0ml	59.00
406-33-Q20	3-Q-20	UV-VIS	Type 3 w/Lid	Quartz	20mm	7.0ml	148.00
406-33-I20	3-I-20	UV-VIS-NIR	Type 3 w/Lid	Quartz	20mm	7.0ml	148.00
406-33-G40	3-G-40	VIS	Type 3 w/Lid	Optical Glass	40mm	10.5ml	67.50
406-33-Q40	3-Q-40	UV-VIS	Type 3 w/Lid	Quartz	40mm	10.5ml	172.00
406-33-I40	3-I-40	UV-VIS-NIR	Type 3 w/Lid	Quartz	40mm	10.5ml	172.00
406-33-G50	3-G-50	VIS	Type 3 w/Lid	Optical Glass	50mm	14.0ml	92.00
406-33-Q50	3-Q-50	UV-VIS	Type 3 w/Lid	Quartz	50mm	14.0ml	176.38
406-33-I50	3-I-50	UV-VIS-NIR	Type 3 w/Lid	Quartz	50mm	14.0ml	176.38
406-33GS-Q10	3GS-Q10	UV-VIS	Type 3GS w/ Graded Seal	Quartz	10mm	3.5ml	200.00
406-33GS-I10	3GS-I10	UV-VIS-NIR	Type 3GS w/ Graded Seal	Quartz	10mm	3.5ml	200.00
406-39-G5	9-G-5	VIS	Type 9 w/lid	Optical Glass	5mm	0.7ml	34.50
406-39-Q5	9-Q-5	UV-VIS	Type 9 w/lid	Quartz	5mm	0.7ml	99.50
406-39-I5	9-I-5	UV-VIS-NIR	Type 9 w/lid	Quartz	5mm	0.7ml	99.50
406-39-G10	9-G-10	VIS	Type 9 w/lid	Optical Glass	10mm	1.4ml	34.50
406-39-Q10	9-Q-10	UV-VIS	Type 9 w/lid	Quartz	10mm	1.4ml	99.50
406-39-I10	9-I-10	UV-VIS-NIR	Type 9 w/lid	Quartz	10mm	1.4ml	99.50
406-39-G20	9-G-20	VIS	Type 9 w/lid	Optical Glass	20mm	2.8ml	47.50
406-39-Q20	9-Q-20	UV-VIS	Type 9 w/lid	Quartz	20mm	2.8ml	123.00
406-39-I20	9-I-20	UV-VIS-NIR	Type 9 w/lid	Quartz	20mm	2.8ml	123.00
406-39-G30	9-G-30	VIS	Type 9 w/lid	Optical Glass	30mm	4.2ml	60.00
406-39-Q30	9-Q-30	UV-VIS	Type 9 w/lid	Quartz	30mm	4.2ml	137.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-39-I30	9-I-30	UV-VIS-NIR	Type 9 w/lid	Quartz	30mm	4.2ml	137.00
406-39-G40	9-G-40	VIS	Type 9 w/lid	Optical Glass	40mm	5.6ml	70.00
406-39-Q40	9-Q-40	UV-VIS	Type 9 w/lid	Quartz	40mm	5.6ml	154.50
406-39-I40	9-I-40	UV-VIS-NIR	Type 9 w/lid	Quartz	40mm	5.6ml	154.50
406-39-G50	9-G-50	VIS	Type 9 w/lid	Optical Glass	50mm	7.0ml	80.00
406-39-Q50	9-Q-50	UV-VIS	Type 9 w/lid	Quartz	50mm	7.0ml	160.00
406-39-I50	9-I-50	UV-VIS-NIR	Type 9 w/lid	Quartz	50mm	7.0ml	160.00
406-39B-G5	9B-G-5	VIS	Type 9B w/lid	Optical Glass	5mm	0.7ml	80.00
406-39B-Q5	9B-Q-5	UV-VIS	Type 9B w/lid	Quartz	5mm	0.7ml	170.00
406-39B-I5	9B-I-5	UV-VIS-NIR	Type 9B w/lid	Quartz	5mm	0.7ml	170.00
406-39B-G10	9B-G-10	VIS	Type 9B w/lid	Optical Glass	10mm	1.4ml	80.00
406-39B-Q10	9B-Q-10	UV-VIS	Type 9B w/lid	Quartz	10mm	1.4ml	170.00
406-39B-I10	9B-I-10	UV-VIS-NIR	Type 9B w/lid	Quartz	10mm	1.4ml	170.00
406-39B-G20	9B-G-20	VIS	Type 9B w/lid	Optical Glass	20mm	2.8ml	93.00
406-39B-Q20	9B-Q-20	UV-VIS	Type 9B w/lid	Quartz	20mm	2.8ml	180.00
406-39B-I20	9B-I-20	UV-VIS-NIR	Type 9B w/lid	Quartz	20mm	2.8ml	180.50
406-39B-G40	9B-G-40	VIS	Type 9B w/lid	Optical Glass	40mm	4.2ml	102.50
406-39B-Q40	9B-Q-40	UV-VIS	Type 9B w/lid	Quartz	40mm	4.2ml	190.00
406-39B-I40	9B-I-40	UV-VIS-NIR	Type 9B w/lid	Quartz	40mm	4.2ml	190.00
406-39F-G10	9F-G-10	VIS	Type 9F w/lid	Optical Glass	10mm	1.4ml	57.00
406-39F-Q10	9F-Q-10	UV-VIS	Type 9F w/lid	Quartz	10mm	1.4ml	176.00
406-39F-I10	9F-I-10	UV-VIS-NIR	Type 9F w/lid	Quartz	10mm	1.4ml	176.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-317-G5	17-G-5	VIS	Type 17 w/lid	Optical Glass	5mm	0.2ml	24.00
406-317-Q5	17-Q-5	UV-VIS	Type 17 w/lid	Quartz	5mm	0.2ml	71.00
406-317-I5	17-I-5	UV-VIS-NIR	Type 17 w/lid	Quartz	5mm	0.2ml	71.00
406-317-G10	17-G-10	VIS	Type 17 w/lid	Optical Glass	10mm	0.4ml	24.00
406-317-Q10	17-Q-10	UV-VIS	Type 17 w/lid	Quartz	10mm	0.4ml	71.00
406-317-I10	17-I-10	UV-VIS-NIR	Type 17 w/lid	Quartz	10mm	0.4ml	71.00
406-317-G20	17-G-20	VIS	Type 17 w/lid	Optical Glass	20mm	0.6ml	30.00
406-317-Q20	17-Q-20	UV-VIS	Type 17 w/lid	Quartz	20mm	0.6ml	86.00
406-317-I20	17-I-20	UV-VIS-NIR	Type 17 w/lid	Quartz	20mm	0.6ml	86.00
406-317-G30	17-G-30	VIS	Type 17 w/lid	Optical Glass	30mm	0.8ml	34.00
406-317-Q30	17-Q-30	UV-VIS	Type 17 w/lid	Quartz	30mm	0.8ml	99.50
406-317-I30	17-I-30	UV-VIS-NIR	Type 17 w/lid	Quartz	30mm	0.8ml	99.50
406-317-G40	17-G-40	VIS	Type 17 w/lid	Optical Glass	40mm	1.0ml	42.00
406-317-Q40	17-Q-40	UV-VIS	Type 17 w/lid	Quartz	40mm	1.0ml	110.50
406-317-I40	17-I-40	UV-VIS-NIR	Type 17 w/lid	Quartz	40mm	1.0ml	110.50
406-317-G50	17-G-50	VIS	Type 17 w/lid	Optical Glass	50mm	1.2ml	52.00
406-317-Q50	17-Q-50	UV-VIS	Type 17 w/lid	Quartz	50mm	1.2ml	121.50
406-317-I50	17-I-50	UV-VIS-NIR	Type 17 w/lid	Quartz	50mm	1.2ml	121.50
406-317B-G5	17B-G-5	VIS	Type 17B w/lid	Optical Glass	5mm	0.2ml	50.00
406-317B-Q5	17B-Q-5	UV-VIS	Type 17B w/lid	Quartz	5mm	0.2ml	118.50
406-317B-I5	17B-I-5	UV-VIS-NIR	Type 17B w/lid	Quartz	5mm	0.2ml	118.50
406-317B-G10	17B-G-10	VIS	Type 17B w/lid	Optical Glass	10mm	0.4ml	50.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-317B-Q10	17B-Q-10	UV-VIS	Type 17B w/lid	Quartz	10mm	0.4ml	118.50
406-317B-I10	17B-I-10	UV-VIS-NIR	Type 17B w/lid	Quartz	10mm	0.4ml	118.50
406-317B-G20	17B-G-20	VIS	Type 17B w/lid	Optical Glass	20mm	0.6ml	56.00
406-317B-Q20	17B-Q-20	UV-VIS	Type 17B w/lid	Quartz	20mm	0.6ml	133.50
406-317B-I20	17B-I-20	UV-VIS-NIR	Type 17B w/lid	Quartz	20mm	0.6ml	133.50
406-317B-G30	17B-G-30	VIS	Type 17B w/lid	Optical Glass	30mm	0.8ml	60.00
406-317B-Q30	17B-Q-30	UV-VIS	Type 17B w/lid	Quartz	30mm	0.8ml	148.50
406-317B-I30	17B-I-30	UV-VIS-NIR	Type 17B w/lid	Quartz	30mm	0.8ml	148.50
406-317B-G40	17B-G-40	VIS	Type 17B w/lid	Optical Glass	40mm	1.0ml	65.00
406-317B-Q40	17B-Q-40	UV-VIS	Type 17B w/lid	Quartz	40mm	1.0ml	163.50
406-317B-I40	17B-I-40	UV-VIS-NIR	Type 17B w/lid	Quartz	40mm	1.0ml	163.50
406-317B-G50	17B-G-50	VIS	Type 17B w/lid	Optical Glass	50mm	1.2ml	70.00
406-317B-Q50	17B-Q-50	UV-VIS	Type 17B w/lid	Quartz	50mm	1.2ml	178.50
406-317B-I50	17B-I-50	UV-VIS-NIR	Type 17B w/lid	Quartz	50mm	1.2ml	178.50
406-318-G5	18-G-5	VIS	Type 18 w/lid	Optical Glass	5mm	0.35ml	40.00
406-318-Q5	18-Q-5	UV-VIS	Type 18 w/lid	Quartz	5mm	0.35ml	104.00
406-318-I5	18-I-5	UV-VIS-NIR	Type 18 w/lid	Quartz	5mm	0.35ml	104.00
406-318-G10	18-G-10	VIS	Type 18 w/lid	Optical Glass	10mm	0.7ml	40.00
406-318-Q10	18-Q-10	UV-VIS	Type 18 w/lid	Quartz	10mm	0.7ml	104.00
406-318-I10	18-I-10	UV-VIS-NIR	Type 18 w/lid	Quartz	10mm	0.7ml	104.00
406-318-G20	18-G-20	VIS	Type 18 w/lid	Optical Glass	20mm	1.4ml	54.00
406-318-Q20	18-Q-20	UV-VIS	Type 18 w/lid	Quartz	20mm	1.4ml	128.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-318-I20	18-I-20	UV-VIS-NIR	Type 18 w/lid	Quartz	20mm	1.4ml	128.00
406-318-G30	18-G-30	VIS	Type 18 w/lid	Optical Glass	30mm	2.1ml	60.00
406-318-Q30	18-Q-30	UV-VIS	Type 18 w/lid	Quartz	30mm	2.1ml	144.00
406-318-I30	18-I-30	UV-VIS-NIR	Type 18 w/lid	Quartz	30mm	2.1ml	144.00
406-318-G40	18-G-40	VIS	Type 18 w/lid	Optical Glass	40mm	2.8ml	70.00
406-318-Q40	18-Q-40	UV-VIS	Type 18 w/lid	Quartz	40mm	2.8ml	167.00
406-318-I40	18-I-40	UV-VIS-NIR	Type 18 w/lid	Quartz	40mm	2.8ml	167.00
406-318-G50	18-G-50	VIS	Type 18 w/lid	Optical Glass	50mm	3.5ml	80.00
406-318-Q50	18-Q-50	UV-VIS	Type 18 w/lid	Quartz	50mm	3.5ml	176.50
406-318-I50	18-I-50	UV-VIS-NIR	Type 18 w/lid	Quartz	50mm	3.5ml	176.50
406-318F-G10	18F-G-10	VIS	Type 18F w/lid	Optical Glass	10mm	0.7ml	80.00
406-318F-Q10	18F-Q-10	UV-VIS	Type 18F w/lid	Quartz	10mm	0.7ml	199.00
406-318F-I10	18F-I-10	UV-VIS-NIR	Type 18F w/lid	Quartz	10mm	0.7ml	199.00
406-318B-G5	18B-G-5	VIS	Type 18B w/lid	Optical Glass	5mm	0.35ml	72.00
406-318B-Q5	18B-Q-5	UV-VIS	Type 18B w/lid	Quartz	5mm	0.35ml	176.00
406-318B-I5	18B-I-5	UV-VIS-NIR	Type 18B w/lid	Quartz	5mm	0.35ml	176.00
406-318B-G10	18B-G-10	VIS	Type 18B w/lid	Optical Glass	10mm	0.7ml	72.00
406-318B-Q10	18B-Q-10	UV-VIS	Type 18B w/lid	Quartz	10mm	0.7ml	176.00
406-318B-I10	18B-I-10	UV-VIS-NIR	Type 18B w/lid	Quartz	10mm	0.7ml	176.00
406-318B-G20	18B-G-20	VIS	Type 18B w/lid	Optical Glass	20mm	1.4ml	86.00
406-318B-Q20	18B-Q-20	UV-VIS	Type 18B w/lid	Quartz	20mm	1.4ml	192.00
406-318B-I20	18B-I-20	UV-VIS-NIR	Type 18B w/lid	Quartz	20mm	1.4ml	192.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-318B-G40	18B-G-40	VIS	Type 18B w/lid	Optical Glass	40mm	2.8ml	102.00
406-318B-Q40	18B-Q-40	UV-VIS	Type 18B w/lid	Quartz	40mm	2.8ml	208.00
406-318B-I40	18B-I-40	UV-VIS-NIR	Type 18B w/lid	Quartz	40mm	2.8ml	208.00
406-321-Q-1	21-Q-1	UV-VIS	Type 21 w/stopper	Quartz	1mm	0.4ml	94.50
406-321-I-1	21-I-1	UV-VIS-NIR	Type 21 w/stopper	Quartz	1mm	0.4ml	94.50
406-321-Q2	21-Q-2	UV-VIS	Type 21 w/stopper	Quartz	2mm	0.7ml	94.50
406-321-I2	21-I-2	UV-VIS-NIR	Type 21 w/stopper	Quartz	2mm	0.7ml	94.50
406-321-G5	21-G-5	VIS	Type 21 w/stopper	Optical Glass	5mm	1.7ml	44.00
406-321-Q5	21-Q-5	UV-VIS	Type 21 w/stopper	Quartz	5mm	1.7ml	85.75
406-321-I5	21-I-5	UV-VIS-NIR	Type 21 w/stopper	Quartz	5mm	1.7ml	85.75
406-321-G10	21-G-10	VIS	Type 21 w/stopper	Optical Glass	10mm	3.5ml	44.00
406-321-Q10	21-Q-10	UV-VIS	Type 21 w/stopper	Quartz	10mm	3.5ml	85.75
406-321-I10	21-I-10	UV-VIS-NIR	Type 21 w/stopper	Quartz	10mm	3.5ml	85.75
406-321-G20	21-G-20	VIS	Type 21 w/stopper	Optical Glass	20mm	7.0ml	57.20
406-321-Q20	21-Q-20	UV-VIS	Type 21 w/stopper	Quartz	20mm	7.0ml	101.75
406-321-I20	21-I-20	UV-VIS-NIR	Type 21 w/stopper	Quartz	20mm	7.0ml	101.75
406-321-G30	21-G-30	VIS	Type 21 w/stopper	Optical Glass	30mm	10.5ml	61.63
406-321-Q30	21-Q-30	UV-VIS	Type 21 w/stopper	Quartz	30mm	10.5ml	113.75
406-321-I30	21-I-30	UV-VIS-NIR	Type 21 w/stopper	Quartz	30mm	10.5ml	113.75
406-321-G40	21-G-40	VIS	Type 21 w/stopper	Optical Glass	40mm	14.0ml	66.00
406-321-Q40	21-Q-40	UV-VIS	Type 21 w/stopper	Quartz	40mm	14.0ml	122.13
406-321-I40	21-I-40	UV-VIS-NIR	Type 21 w/stopper	Quartz	40mm	14.0ml	122.13

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-321-G50	21-G-50	VIS	Type 21 w/stopper	Optical Glass	50mm	17.0ml	88.00
406-321-Q50	21-Q-50	UV-VIS	Type 21 w/stopper	Quartz	50mm	17.0ml	140.75
406-321-I50	21-I-50	UV-VIS-NIR	Type 21 w/stopper	Quartz	50mm	17.0ml	140.75
406-323-G5	23-G-5	VIS	Type 23 w/stopper	Optical Glass	5mm	1.7ml	70.38
406-323-Q5	23-Q-5	UV-VIS	Type 23 w/stopper	Quartz	5mm	1.7ml	160.50
406-323-I5	23-I-5	UV-VIS-NIR	Type 23 w/stopper	Quartz	5mm	1.7ml	160.50
406-323-G10	23-G-10	VIS	Type 23 w/stopper	Optical Glass	10mm	3.5ml	70.38
406-323-Q10	23-Q-10	UV-VIS	Type 23 w/stopper	Quartz	10mm	3.5ml	160.50
406-323-I10	23-I-10	UV-VIS-NIR	Type 23 w/stopper	Quartz	10mm	3.5ml	160.50
406-323-G20	23-G-20	VIS	Type 23 w/stopper	Optical Glass	20mm	7.0ml	92.38
406-323-Q20	23-Q-20	UV-VIS	Type 23 w/stopper	Quartz	20mm	7.0ml	217.75
406-323-I20	23-I-20	UV-VIS-NIR	Type 23 w/stopper	Quartz	20mm	7.0ml	217.75
406-323-G40	23-G-40	VIS	Type 23 w/stopper	Optical Glass	40mm	10.5ml	99.00
406-323-Q40	23-Q-40	UV-VIS	Type 23 w/stopper	Quartz	40mm	10.5ml	242.00
406-323-I40	23-I-40	UV-VIS-NIR	Type 23 w/stopper	Quartz	40mm	10.5ml	242.00
406-323-G50	23-G-50	VIS	Type 23 w/stopper	Optical Glass	50mm	14.0ml	105.63
406-323-Q50	23-Q-50	UV-VIS	Type 23 w/stopper	Quartz	50mm	14.0ml	257.00
406-323-I50	23-I-50	UV-VIS-NIR	Type 23 w/stopper	Quartz	50mm	14.0ml	257.00
406-329-Q1	29-Q-1	UV-VIS	Type 29 w/stopper	Quartz	1mm	0.17ml	119.00
406-329-I1	29-I-1	UV-VIS-NIR	Type 29 w/stopper	Quartz	1mm	0.17ml	119.00
406-329-Q2	29-Q-2	UV-VIS	Type 29 w/stopper	Quartz	2mm	0.35ml	119.00
406-329-I2	29-I-2	UV-VIS-NIR	Type 29 w/stopper	Quartz	2mm	0.35ml	119.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-329-G5	29-G-5	VIS	Type 29 w/stopper	Optical Glass	5mm	0.7ml	60.00
406-329-Q5	29-Q-5	UV-VIS	Type 29 w/stopper	Quartz	5mm	0.7ml	119.00
406-329-I5	29-I-5	UV-VIS-NIR	Type 29 w/stopper	Quartz	5mm	0.7ml	119.00
406-329-G10	29-G-10	VIS	Type 29 w/stopper	Optical Glass	10mm	1.4ml	60.00
406-329-Q10	29-Q-10	UV-VIS	Type 29 w/stoppers	Quartz	10mm	1.4ml	119.00
406-329-I10	29-I-10	UV-VIS-NIR	Type 29 w/stopper	Quartz	10mm	1.4ml	119.00
406-329-G20	29-G-20	VIS	Type 29 w/stopper	Optical Glass	20mm	2.8ml	76.00
406-329-Q20	29-Q-20	UV-VIS	Type 29 w/stopper	Quartz	20mm	2.8ml	155.00
406-329-I20	29-I-20	UV-VIS-NIR	Type 29 w/stopper	Quartz	20mm	2.8ml	155.00
406-329-G30	29-G-30	VIS	Type 29 w/stopper	Optical Glass	30mm	4.2ml	82.00
406-329-Q30	29-Q-30	UV-VIS	Type 29 w/stopper	Quartz	30mm	4.2ml	167.00
406-329-I30	29-I-30	UV-VIS-NIR	Type 29 w/stopper	Quartz	30mm	4.2ml	167.00
406-329-G40	29-G-40	VIS	Type 29 w/stopper	Optical Glass	40mm	5.6ml	86.00
406-329-Q40	29-Q-40	UV-VIS	Type 29 w/stopper	Quartz	40mm	5.6ml	174.00
406-329-I40	29-I-40	UV-VIS-NIR	Type 29 w/stopper	Quartz	40mm	5.6ml	174.00
406-329-G50	29-G-50	VIS	Type 29 w/stopper	Optical Glass	50mm	7.0ml	94.00
406-329-Q50	29-Q-50	UV-VIS	Type 29 w/stopper	Quartz	50mm	7.0ml	185.38
406-329-I50	29-I-50	UV-VIS-NIR	Type 29 w/stopper	Quartz	50mm	7.0ml	185.38
406-329B-G5	29B-G-5	VIS	Type 29B w/stopper	Optical Glass	5mm	0.7ml	120.00
406-329B-Q5	29B-Q-5	UV-VIS	Type 29B w/stopper	Quartz	5mm	0.7ml	201.00
406-329B-I5	29B-I-5	UV-VIS-NIR	Type 29B w/stopper	Quartz	5mm	0.7ml	201.00
406-329B-G10	29B-G-10	VIS	Type 29B w/stopper	Optical Glass	10mm	1.4ml	120.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-329B-Q10	29B-Q-10	UV-VIS	Type 29B w/stopper	Quartz	10mm	1.4ml	201.00
406-329B-I10	29B-I-10	UV-VIS-NIR	Type 29B w/stopper	Quartz	10mm	1.4ml	201.00
406-329B-G20	29B-G-20	VIS	Type 29B w/stopper	Optical Glass	20mm	2.8ml	127.50
406-329B-Q20	29B-Q-20	UV-VIS	Type 29B w/stopper	Quartz	20mm	2.8ml	211.00
406-329B-I20	29B-I-20	UV-VIS-NIR	Type 29B w/stopper	Quartz	20mm	2.8ml	211.00
406-329B-G40	29B-G-40	VIS	Type 29B w/stopper	Optical Glass	40mm	5.6ml	140.00
406-329B-Q40	29B-Q-40	UV-VIS	Type 29B w/stopper	Quartz	40mm	5.6ml	230.00
406-329B-I40	29B-I-40	UV-VIS-NIR	Type 29B w/stopper	Quartz	40mm	5.6ml	230.00
406-330-Q1	30-Q-1	UV-VIS	Type 30 w/stopper	Quartz	1mm	0.8ml	116.00
406-330-I1	30-I-1	UV-VIS-NIR	Type 30 w/stopper	Quartz	1mm	0.8ml	116.00
406-330-Q2	30-Q-2	UV-VIS	Type 30 w/stopper	Quartz	2mm	0.17ml	116.00
406-330-I2	30-I-2	UV-VIS-NIR	Type 30 w/stopper	Quartz	2mm	0.17ml	116.00
406-330-G5	30-G-5	VIS	Type 30 w/stopper	Optical Glass	5mm	0.35ml	64.00
406-330-Q5	30-Q-5	UV-VIS	Type 30 w/stopper	Quartz	5mm	0.35ml	116.00
406-330-I5	30-I-5	UV-VIS-NIR	Type 30 w/stopper	Quartz	5mm	0.35ml	116.00
406-330-G10	30-G-10	VIS	Type 30 w/stopper	Optical Glass	10mm	0.7ml	64.00
406-330-Q10	30-Q-10	UV-VIS	Type 30 w/stopper	Quartz	10mm	0.7ml	116.00
406-330-I10	30 -I-10	UV-VIS-NIR	Type 30 w/stopper	Quartz	10mm	0.7ml	116.00
406-330-G20	30-G-20	VIS	Type 30 w/stopper	Optical Glass	20mm	1.4ml	70.00
406-330-Q20	30-Q-20	UV-VIS	Type 30 w/stopper	Quartz	20mm	1.4ml	137.00
406-330-I20	30-I-20	UV-VIS-NIR	Type 30 w/stopper	Quartz	20mm	1.4ml	137.00
406-330-G30	30-G-30	VIS	Type 30 w/stopper	Optical Glass	30mm	2.1ml	74.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-330-Q30	30-Q-30	UV-VIS	Type 30 w/stopper	Quartz	30mm	2.1ml	143.00
406-330-I30	30-I-30	UV-VIS-NIR	Type 30 w/stopper	Quartz	30mm	2.1ml	143.00
406-330-G40	30-G-40	VIS	Type 30 w/stopper	Optical Glass	40mm	2.8ml	78.00
406-330-Q40	30-Q-40	UV-VIS	Type 30 w/stopper	Quartz	40mm	2.8ml	150.50
406-330-I40	30-I-40	UV-VIS-NIR	Type 30 w/stopper	Quartz	40mm	2.8ml	150.50
406-330-G50	30-G-50	VIS	Type 30 w/stopper	Optical Glass	50mm	3.5ml	100.00
406-330-Q50	30-Q-50	UV-VIS	Type 30 w/stopper	Quartz	50mm	3.5ml	182.00
406-330-I50	30-I-50	UV-VIS-NIR	Type 30 w/stopper	Quartz	50mm	3.5ml	182.00
406-330B-G5	30B-G-5	VIS	Type 30B w/stopper	Optical Glass	5mm	0.35ml	120.00
406-330B-Q5	30B-Q-5	UV-VIS	Type 30B w/stopper	Quartz	5mm	0.35ml	200.00
406-330B-I5	30B-I-5	UV-VIS-NIR	Type 30B w/stopper	Quartz	5mm	0.35ml	200.00
406-330B-G10	30B-G-10	VIS	Type 30B w/stopper	Optical Glass	10mm	0.7ml	120.00
406-330B-Q10	30B-Q-10	UV-VIS	Type 30B w/stopper	Quartz	10mm	0.7ml	200.00
406-330B-I10	30B-I-10	UV-VIS-NIR	Type 30B w/stopper	Quartz	10mm	0.7ml	200.00
406-330B-G20	30B-G-20	VIS	Type 30B w/stopper	Optical Glass	20mm	1.4ml	127.50
406-330B-Q20	30B-Q-20	UV-VIS	Type 30B w/stopper	Quartz	20mm	1.4ml	211.00
406-330B-I20	30B-I-20	UV-VIS-NIR	Type 30B w/stopper	Quartz	20mm	1.4ml	211.00
406-330B-G40	30B-G-40	VIS	Type 30B w/stopper	Optical Glass	40mm	2.8ml	140.00
406-330B-Q40	30B-Q-40	UV-VIS	Type 30B w/stopper	Quartz	40mm	2.8ml	230.00
406-330B-I40	30B-I-40	UV-VIS-NIR	Type 30B w/stopper	Quartz	40mm	2.8ml	230.00
406-330F-G10	30F-G-10	VIS	Type 30F w/stopper	Optical Glass	10mm	0.7ml	84.00
406-330F-Q10	30F-Q-10	UV-VIS	Type 30F w/stopper	Quartz	10mm	0.7ml	210.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-330F-I10	30F-I-10	UV-VIS-NIR	Type 30F w/stopper	Quartz	10mm	0.7ml	210.00
406-332-G10	32-G-10	VIS	Type 32 w/stopper	Optical Glass	10mm	2.8ml	52.50
406-332-Q10	32-Q-10	UV-VIS	Type 32 w/stopper	Quartz	10mm	2.8ml	99.00
406-332-I10	32-I-10	UV-VIS-NIR	Type 32 w/stopper	Quartz	10mm	2.8ml	99.00
406-332-G20	32-G-20	VIS	Type 32 w/stopper	Optical Glass	20mm	5.6ml	55.00
406-332-Q20	32-Q-20	UV-VIS	Type 32 w/stopper	Quartz	20mm	5.6ml	107.00
406-332-I20	32-I-20	UV-VIS-NIR	Type 32 w/stopper	Quartz	20mm	5.6ml	107.00
406-332-G50	32-G-50	VIS	Type 32 w/stopper	Optical Glass	50mm	14.1ml	60.00
406-332-Q50	32-Q-50	UV-VIS	Type 32 w/stopper	Quartz	50mm	14.1ml	117.50
406-332-I50	32-I-50	UV-VIS-NIR	Type 32 w/stopper	Quartz	50mm	14.1ml	117.50
406-332-G100	32-G-100	VIS	Type 32 w/stopper	Optical Glass	100mm	28.2ml	64.00
406-332-Q100	32-Q-100	UV-VIS	Type 32 w/stopper	Quartz	100mm	28.2ml	126.00
406-332-I100	32-I-100	UV-VIS-NIR	Type 32 w/stopper	Quartz	100mm	28.2ml	126.00
406-334-G50	34-G-50	VIS	Type 34 w/stoppers	Optical Glass	50mm	14.1ml	78.00
406-334-Q50	34-Q-50	UV-VIS	Type 34 w/stoppers	Quartz	50mm	14.1ml	150.00
406-334-I50	34-I-50	UV-VIS-NIR	Type 34 w/stoppers	Quartz	50mm	14.1ml	150.00
406-334-G100	34-G-100	VIS	Type 34 w/stoppers	Optical Glass	100mm	28.2ml	90.00
406-334-Q100	34-Q-100	UV-VIS	Type 34 w/stoppers	Quartz	100mm	28.2ml	156.50
406-334-I100	34-I-100	UV-VIS-NIR	Type 34 w/stoppers	Quartz	100mm	28.2ml	156.50
406-334S-G50	34S-G-50	VIS	Type 34S w/screw caps	Optical Glass	50mm	14.1ml	140.00
406-334S-Q50	34S-Q-50	UV-VIS	Type 34S w/screw caps	Quartz	50mm	14.1ml	236.00
406-334S-I50	34S-I-50	UV-VIS-NIR	Type 34S w/screw caps	Quartz	50mm	14.1ml	236.00

Varsal P/N	Ref. P/N	Application	Description	Glass Type	Path Length	Capacity	Price \$
406-334S-G100	34S-G-100	VIS	Type 34S w/screw caps	Optical Glass	100mm	28.2ml	170.00
406-334S-Q100	34S-Q-100	UV-VIS	Type 34S w/screw caps	Quartz	100mm	28.2ml	248.00
406-334S-I100	34S-I-100	UV-VIS-NIR	Type 34S w/screw caps	Quartz	100mm	28.2ml	248.00
406-337-G5	37-G-5	VIS	Type 37	Optical Glass	5mm	1.4ml	64.00
406-337-Q5	37-Q-5	UV-VIS	Type 37	Quartz	5mm	1.4ml	107.00
406-337-I5	37-I-5	UV-VIS-NIR	Type 37	Quartz	5mm	1.4ml	107.00
406-337-G10	37-G-10	VIS	Type 37	Optical Glass	10mm	2.8ml	64.00
406-337-Q10	37-Q-10	UV-VIS	Type 37	Quartz	10mm	2.8ml	107.00
406-337-I10	37-I-10	UV-VIS-NIR	Type 37	Quartz	10mm	2.8ml	107.00
406-396-G2.5	96-G-2.5	VIS	Type 96	Optical Glass	2.5mm		42.00
406-396-G5	96-G-5	VIS	Type 96	Optical Glass	5.0mm		42.00
406-396-G10	96-G-10	VIS	Type 96	Optical Glass	10mm		42.00
406-396-G20	96-G-20	VIS	Type 96	Optical Glass	20mm		46.00
406-396-G40	96-G-40	VIS	Type 96	Optical Glass	40mm		48.00
406-396-G50	96-G-50	VIS	Type 96	Optical Glass	50mm		50.00
406-396-G100	96-G-100	VIS	Type 96	Optical Glass	100mm		64.00
406-396-G200	96-G-200	VIS	Type 96	Optical Glass	200mm		78.00

Varsal Instruments

363 Ivyland Road, Warminster, PA. USA

www.varsal.com

Tel: 215.957.5880 **Fax:** 215.957.9111 **E-mail:** info@varsal.com