



AdValue Technology

Alumina • Fused Quartz • Zirconia

Crucibles Tubes Plates Rings

Custom Fabrication



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AdValue Technology is a leading supplier of ceramic products, striving to serve as a long-term and value-adding partner to our customers, and help them achieve and preserve excellence and efficiency with our quality products and superior services.

Our fused quartz, alumina and zirconia products are used in a wide range of high-temperature, chemical-resistant and wear-resistant applications. Besides many in-stock items such as tubes, crucibles, plates and discs, we also provide custom OEM components to meet customers' requirements.

Visit our Products Catalogue! AdValue looks forward to serving your needs and being your long-term partner.

Alumina Crucibles



High Form Crucibles (Alumina 99.6%)

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	Top Diameter		Bottom Diameter		Height		Price
		in	mm	in	mm	in	mm	
AL-1005	5	in	mm	in	mm	in	mm	\$8.75
		0.98	25	0.59	15	1.10	28	
AL-1010	10	in	mm	in	mm	in	mm	\$9.59
		1.14	29	0.71	18	1.34	34	
AL-1020	20	in	mm	in	mm	in	mm	\$11.97
		1.38	35	0.94	24	1.65	42	
AL-1050	50	in	mm	in	mm	in	mm	\$14.67
		1.89	48	1.18	30	2.05	54	
AL-1100	100	in	mm	in	mm	in	mm	\$19.84
		2.28	58	1.38	35	2.68	68	
AL-1150	150	in	mm	in	mm	in	mm	\$26.69
		2.6	66	1.57	40	3.15	80	
AL-1250	250	in	mm	in	mm	in	mm	\$32.40
		3.11	79	1.65	42	3.66	93	
AL-1500	500	in	mm	in	mm	in	mm	\$53.23
		3.94	100	2.36	60	4.57	116	
AL-1750	750	in	mm	in	mm	in	mm	\$74.68
		4.41	112	2.76	70	5.20	132	
AL-11000	1000	in	mm	in	mm	in	mm	\$97.28
		4.92	125	3.23	82	5.83	148	
AL-12000	2000	in	mm	in	mm	in	mm	\$169.03
		6.26	159	3.54	90	6.89	175	

Alumina Crucibles



Cylindrical Crucibles (Alumina 99.6%)

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	OD		Height		Price
		in	mm	in	mm	
AL-2005	5	in	mm	in	mm	\$8.75
		0.748	19	1.02	26	
AL-2010A	10	in	mm	in	mm	\$9.59
		0.98	25	0.98	25	
AL-2010B	10	in	mm	in	mm	\$9.59
		0.87	22	1.3	33	
AL-2050	50	in	mm	in	mm	\$14.67
		1.77	45	1.38	35	
AL-2100	100	in	mm	in	mm	\$19.84
		1.575	40	3.74	95	
AL-2250	250	in	mm	in	mm	\$32.40
		2.32	60	3.94	100	
AL-2500	500	in	mm	in	mm	\$53.23
		2.84	72	5.83	148	
AL-2750	750	in	mm	in	mm	\$74.68
		3.31	84	6.3	160	
AL-21000	1000	in	mm	in	mm	\$97.28
		4.72	120	4.72	120	
AL-22000	2000	in	mm	in	mm	\$169.03
		5.98	152	5.75	146	

Alumina Crucibles



Rectangular Crucibles (Alumina 99.6%)

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	Length		Width		Height		Price
		in	mm	in	mm	in	mm	
AL-3027	27	in	mm	in	mm	in	mm	\$15.62
		2.13	54	1.50	38	0.79	20	
AL-3060	60	in	mm	in	mm	in	mm	\$26.40
		3.23	82	1.65	42	0.91	23	
AL-3100	100	in	mm	in	mm	in	mm	\$40.44
		2.56	65	2.56	65	1.18	30	
AL-3150	150	in	mm	in	mm	in	mm	\$54.33
		3.54	90	2.56	65	1.18	30	
AL-3800	800	in	mm	in	mm	in	mm	\$156.35
		7.95	202	4.21	107	1.97	50	

Alumina Crucibles



Round Dishes (Alumina 99.6%)

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	OD		Height		Description	Price
		in	mm	in	mm		
AL-4035	35	in	mm	in	mm	Straight sides	\$17.75
		1.97	50	0.98	25		
AL-4060	60	in	mm	in	mm	Straight sides	\$24.00
		2.72	69	0.91	23		
AL-4120	120	in	mm	in	mm	Straight sides	\$36.66
		3.19	81	1.18	30		

Alumina Crucibles



Combustion Boat (Alumina 99.6%, without tail and hole)

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	Length		Width		Height		Price
		in	mm	in	mm	in	mm	
AL-5003	3	in	mm	in	mm	in	mm	\$15.40
		1.97	50	0.47	12	0.39	10	
AL-5006	6	in	mm	in	mm	in	mm	\$19.26
		2.95	75	0.59	15	0.39	10	
AL-5020	20	in	mm	in	mm	in	mm	\$25.03
		3.94	100	0.79	20	0.59	15	
AL-5064	64	in	mm	in	mm	in	mm	\$30.61
		3.94	100	1.77	45	0.75	19	
AL-5145	145	in	mm	in	mm	in	mm	\$52.71
		5.91	150	2.72	69	0.75	19	
AL-5400	400	in	mm	in	mm	in	mm	\$99.54
		7.99	203	4.02	102	0.98	25	

Alumina Tubes



For custom production and volume discount, please call (520)514-1100

Catalogue Number	OD		ID		Length		Price
	mm	inch	mm	inch	mm	inch	
AL-T-N1/4-N3/16-12	6.35	1/4	4.76	3/16	305	12	\$6.81
AL-T-N1/4-N3/16-18	6.35	1/4	4.76	3/16	458	18	\$10.17
AL-T-N1/4-N3/16-24	6.35	1/4	4.76	3/16	610	24	\$13.47
AL-T-N3/8-N1/4-12	9.53	3/8	6.35	1/4	305	12	\$20.00
AL-T-N3/8-N1/4-18	9.53	3/8	6.35	1/4	458	18	\$27.50
AL-T-N3/8-N1/4-24	9.53	3/8	6.35	1/4	610	24	\$41.00
AL-T-N1/2-N3/8-12	12.7	1/2	9.53	3/8	305	12	\$34.61
AL-T-N1/2-N3/8-18	12.7	1/2	9.53	3/8	458	18	\$52.48
AL-T-N1/2-N3/8-24	12.7	1/2	9.53	3/8	610	24	\$69.22
AL-T-N3/4-N1/2-12	19.05	3/4	12.7	1/2	305	12	\$37.03
AL-T-N3/4-N1/2-18	19.05	3/4	12.7	1/2	458	18	\$55.45
AL-T-N3/4-N1/2-24	19.05	3/4	12.7	1/2	610	24	\$74.27
AL-T-N1-N3/4-12	25.4	1	19.05	3/4	305	12	\$41.00
AL-T-N1-N3/4-18	25.4	1	19.05	3/4	458	18	\$61.58
AL-T-N1-N3/4-24	25.4	1	19.05	3/4	610	24	\$80.95
AL-T-N1-N3/4-36	25.4	1	19.05	3/4	914	36	\$124.92
AL-T-N1-N3/4-48	25.4	1	19.05	3/4	1219	48	\$165.00

Alumina Tubes



For custom production and volume discount, please call (520)514-1100

Catalogue Number	OD		ID		Length		Price
	mm	inch	mm	inch	mm	inch	
AL-T-1N1/4-N1-12	31.75	1 1/4	25.4	1	305	12	\$47.48
AL-T-1N1/4-N1-18	31.75	1 1/4	25.4	1	458	18	\$68.13
AL-T-1N1/4-N1-24	31.75	1 1/4	25.4	1	610	24	\$93.32
AL-T-1N1/4-N1-36	31.75	1 1/4	25.4	1	914	36	\$142.81
AL-T-1N1/4-N1-48	31.75	1 1/4	25.4	1	1219	48	\$191.25
AL-T-1N1/2-1N1/4-12	38.1	1 1/2	31.75	1 1/4	305	12	\$53.67
AL-T-1N1/2-1N1/4-18	38.1	1 1/2	31.75	1 1/4	458	18	\$73.13
AL-T-1N1/2-1N1/4-24	38.1	1 1/2	31.75	1 1/4	610	24	\$106.00
AL-T-1N1/2-1N1/4-36	38.1	1 1/2	31.75	1 1/4	914	36	\$157.73
AL-T-1N1/2-1N1/4-48	38.1	1 1/2	31.75	1 1/4	1219	48	\$213.49
AL-T-1N3/4-1N1/2-12	44.45	1 3/4	38.1	1 1/2	305	12	\$59.92
AL-T-1N3/4-1N1/2-18	44.45	1 3/4	38.1	1 1/2	458	18	\$90.89
AL-T-1N3/4-1N1/2-24	44.45	1 3/4	38.1	1 1/2	610	24	\$121.00
AL-T-1N3/4-1N1/2-36	44.45	1 3/4	38.1	1 1/2	914	36	\$182.50
AL-T-1N3/4-1N1/2-48	44.45	1 3/4	38.1	1 1/2	1219	48	\$234.84
AL-T-2N-1N3/4-12	50.8	2	44.45	1 3/4	305	12	\$67.97
AL-T-2N-1N3/4-18	50.8	2	44.45	1 3/4	458	18	\$100.69
AL-T-2N-1N3/4-24	50.8	2	44.45	1 3/4	610	24	\$131.34
AL-T-2N-1N3/4-36	50.8	2	44.45	1 3/4	914	36	\$205.99
AL-T-2N-1N3/4-48	50.8	2	44.45	1 3/4	1219	48	\$266.29

Alumina Tubes



For custom production and volume discount, please call (520)514-1100

Catalogue Number	OD		ID		Length		Price
	mm	inch	mm	inch	mm	inch	
AL-T-2N1/4-2N-12	57.15	2 1/4	50.8	2	305	12	\$80.32
AL-T-2N1/4-2N-18	57.15	2 1/4	50.8	2	458	18	\$108.63
AL-T-2N1/4-2N-24	57.15	2 1/4	50.8	2	610	24	\$150.58
AL-T-2N1/4-2N-36	57.15	2 1/4	50.8	2	914	36	\$247.17
AL-T-2N1/4-2N-48	57.15	2 1/4	50.8	2	1219	48	\$317.64
AL-T-2N1/2-2N1/4-12	63.5	2 1/2	57.15	2 1/4	305	12	\$89.30
AL-T-2N1/2-2N1/4-18	63.5	2 1/2	57.15	2 1/4	458	18	\$135.00
AL-T-2N1/2-2N1/4-24	63.5	2 1/2	57.15	2 1/4	610	24	\$175.39
AL-T-2N1/2-2N1/4-36	63.5	2 1/2	57.15	2 1/4	914	36	\$269.01
AL-T-2N1/2-2N1/4-48	63.5	2 1/2	57.15	2 1/4	1219	48	\$346.43
AL-T-2N3/4-2N1/2-12	69.85	2 3/4	63.5	2 1/2	305	12	\$93.73
AL-T-2N3/4-2N1/2-18	69.85	2 3/4	63.5	2 1/2	458	18	\$139.73
AL-T-2N3/4-2N1/2-24	69.85	2 3/4	63.5	2 1/2	610	24	\$183.75
AL-T-2N3/4-2N1/2-36	69.85	2 3/4	63.5	2 1/2	914	36	\$280.59
AL-T-2N3/4-2N1/2-48	69.85	2 3/4	63.5	2 1/2	1219	48	\$360.39
AL-T-3N-2N3/4-12	76.2	3	69.85	2 3/4	305	12	\$116.25
AL-T-3N-2N3/4-18	76.2	3	69.85	2 3/4	458	18	\$173.91
AL-T-3N-2N3/4-24	76.2	3	69.85	2 3/4	610	24	\$233.98
AL-T-3N-2N3/4-36	76.2	3	69.85	2 3/4	914	36	\$350.41
AL-T-3N-2N3/4-48	76.2	3	69.85	2 3/4	1219	48	\$459.38

Alumina Plates & Disks



Alumina Plate (99.6%)

Custom production available. Please call (520)514-1100 for details.

Catalogue Number	Length		Width		Thickness		Price
	inch	mm	inch	mm	inch	mm	
AL-P-220-220-5	inch	mm	inch	mm	inch	mm	\$146.70
	8.66	220	8.66	220	0.2	5	
AL-P-208-110-5	inch	mm	inch	mm	inch	mm	\$69.35
	8.19	208	4.33	110	0.2	5	
AL-P-152-152-5	inch	mm	inch	mm	inch	mm	\$62.16
	6	152	6	152	0.2	5	
AL-P-150-80-5	inch	mm	inch	mm	inch	mm	\$52.48
	5.91	150	3.15	80	0.2	5	
AL-P-102-76-6	inch	mm	inch	mm	inch	mm	\$31.88
	4	102	3	76	0.24	6	
AL-P-102-25-6	inch	mm	inch	mm	inch	mm	\$24.00
	4	102	0.98	25	0.24	6	
AL-P-90-65-6	inch	mm	inch	mm	inch	mm	\$24.15
	3.54	90	2.56	65	0.24	6	
AL-P-60-10-5	inch	mm	inch	mm	inch	mm	\$5.13
	2.36	60	0.39	10	0.2	5	

Alumina Disk (99.6%)






Custom production available. Please call (520)514-1100 for details.

Catalogue Number	OD		Thickness		Price
	inch	mm	inch	mm	
AL-D-42-2	inch	mm	inch	mm	\$6.78
	1.65	42	0.08	2	
AL-D-82-6	inch	mm	inch	mm	\$20.19
	3.23	82	0.24	6	

Alumina Sample Pans (Crucibles for Thermal Analysis)



For custom production and volume discount, please call (520)514-1100

Catalogue Number	Dimensions(mm)	Equipment	Picture	Price
AL-6101	OD4.5mm*H7mm	PE		\$4.42
AL-6201	OD5mm*H4mm	SETARAM		\$5.56
AL-6202	OD5mm*H8mm	SETARAM DSC		\$6.70
AL-6203	OD6.8mm*H4mm	NETZSCH		\$6.70
		DSC404C		
		DTA404PC		
		STA409PC STA449C		
AL-6204	OD8mm*H12mm	SETARAM LABSYS		\$10.29
AL-6206	OD8mm*H4.5mm	ME-01024124		\$12.86
AL-6207	OD6.5mm*H4mm	TA Q600		\$9.46
AL-6208	OD6mm*H4.5mm	ME-01024123		\$10.29
AL-6209	OD5mm*H5mm			\$6.70
AL-6210	OD7mm*H2mm			\$9.46
AL-6211	OD6mm*H2.5mm	ME-51140843		\$7.84
AL-6212	OD12mm*H25mm			\$15.88
AL-6301	OD5mm*H10mm	SETARAM CTC1800 EVOLUTION		\$7.84
AL-6401	OD8(4)mm*H23mm	NETZSCH DTA		\$9.55
AL-6402	TOD6.4mm*BOD3.6mm*H8.7mm			\$7.80
AL-6501	Crucible Cover, OD5mm			\$2.14
AL-6502	Crucible Cover, OD6.8mm			\$2.14
AL-6503	Crucible Cover, OD6.5mm			\$2.14
AL-6504	Crucible Cover, OD6mm			\$2.14
AL-6505	Crucible Cover, OD4.5mm			\$2.14
AL-6506	Crucible Cover, OD8mm			\$2.14

Zirconia Crucibles



Cylindrical Crucibles

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	OD		Height		Price
		in	mm	in	mm	
Zc-2010	10	0.87	22	1.30	33	\$38.06
Zc-2035	35	1.57	40	1.57	40	\$65.67
Zc-2090	90	1.57	40	3.58	91	\$97.40
Zc-2350	350	3.35	85	2.95	75	\$195.25
Zc-2600	600	4.33	110	2.95	75	\$252.00

Zirconia Crucibles



Combustion Boat (without tail and hole)

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	Length		Width		Height		Price
		in	mm	in	mm	in	mm	
Zc-5001	1	in	mm	in	mm	in	mm	\$28.84
		1.18	30	0.39	10	0.31	8	
Zc-5003	3	in	mm	in	mm	in	mm	\$42.65
		1.97	50	0.47	12	0.39	10	
Zc-5006	6	in	mm	in	mm	in	mm	\$61.58
		2.95	75	0.59	15	0.39	10	
Zc-5020	20	in	mm	in	mm	in	mm	\$76.17
		3.94	100	0.79	20	0.59	15	
Zc-5140	140	in	mm	in	mm	in	mm	\$185.94
		5.91	150	2.56	65	0.75	19	

Zirconia Crucibles



Conical Crucibles

For custom production and volume discount, please call (520)514-1100

Catalogue Number	Approx. Capacity (ml)	Top Dia		Bottom Dia		Height		Price
		in	mm	in	mm	in	mm	
Zc-6005	5	1.02	26	0.63	16	1.22	31	\$32.67
Zc-6010	10	1.06	27	0.75	19	1.38	35	\$40.55
Zc-6100	100	2.24	57	1.54	39	2.36	60	\$108.74

Fused Quartz Tubing

Clear Quartz Tubes

For custom production and volume discount, please call (520)514-1100



Catalogue Number	OD		ID		Wall Thickness		Length		Price
	mm	inch	mm	inch	mm	inch	mm	inch	
FQ-T-3-1.6-4.4	3	0.12	1.6	0.06	0.7	0.03	1340	52.75	\$2.25
FQ-T-4-2-4	4	0.16	2	0.08	1	0.04	1219	48	\$3.38
FQ-T-5-3-4	5	0.20	3	0.12	1	0.04	1219	48	\$4.47
FQ-T-6-4-4	6	0.24	4	0.16	1	0.04	1219	48	\$4.11
FQ-T-7-5-4	7	0.28	5	0.20	1	0.04	1219	48	\$5.20
FQ-T-8-6-4	8	0.31	6	0.24	1	0.04	1219	48	\$5.60
FQ-T-9-7-4	9	0.35	7	0.28	1	0.04	1219	48	\$7.09
FQ-T-10-8-4	10	0.39	8	0.31	1	0.04	1219	48	\$7.46
FQ-T-11-9-4	11	0.43	9	0.35	1	0.04	1219	48	\$8.20
FQ-T-12-8-4	12	0.47	8	0.31	2	0.08	1219	48	\$9.32
FQ-T-12-10-4	12	0.47	10	0.39	1	0.04	1219	48	\$9.68
FQ-T-12.7-10.5-4	12.7	0.50	10.5	0.41	1.125	0.04	1219	48	\$10.81
FQ-T-14-12-4	14	0.55	12	0.47	1	0.04	1218	48	\$9.06

Fused Quartz Tubing

Clear Quartz Tubes

For custom production and volume discount, please call (520)514-1100



Catalogue Number	OD		ID		Wall Thickness		Length		Price
	mm	inch	mm	inch	mm	inch	mm	inch	
FQ-T-15-13-4	15	0.59	13	0.51	1	0.04	1219	48	\$10.05
FQ-T-18-16-4	18	0.71	16	0.63	1	0.04	1219	48	\$13.42
FQ-T-20-16-4	20	0.79	16	0.63	2	0.08	1219	48	\$32.76
FQ-T-22-20-4	22	0.87	20	0.79	1	0.04	1219	48	\$19.06
FQ-T-25-22-4	25	.98	22	0.87	1.5	0.06	1219	48	\$27.19
FQ-T-26-24-4	26	1.02	24	0.94	1	0.04	1219	48	\$19.64
FQ-T-28-25-4	28	1.10	25	0.98	1.5	0.06	1219	48	\$30.17
FQ-T-30-27-4	30	1.18	27	1.06	1.5	0.06	1219	48	\$33.49
FQ-T-35-32-4	35	1.38	32	1.26	1.5	0.06	1219	48	\$48.46
FQ-T-40-36-4	40	1.57	36	1.42	2	0.08	1219	48	\$59.19
FQ-T-46-42-4	46	1.81	42	1.65	2	0.08	1219	48	\$74.41
FQ-T-50-46-4	50	1.97	46	1.81	2	0.08	1219	48	\$75.57
FQ-T-75-71-5	75	2.95	71	2.79	2	0.08	1524	60	\$218.09

Fused Quartz Microscope Slides

Quartz Microscope Slides

For custom production & volume discount, please call (520) 514-1100

Catalogue Number	Length		Width		Thickness		Price
	mm	inch	mm	inch	mm	inch	
FQ-S-001	25.4	1	25.4	1	1	0.04	\$4.23
FQ-S-002	50.8	2	25.4	1	1	0.04	\$5.97
FQ-S-003	76.2	3	25.4	1	1	0.04	\$8.59

Fused Quartz Crucibles



Clear Quartz Crucibles – High Form

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Catalogue Number	Approx. Capacity (ml)	top Dia		Bottom Dia		Height		Price
		in	mm	in	mm	in	mm	
FQ-1010	10	in	mm	in	mm	in	mm	\$17.65
		1.06	27	0.75	19	1.38	35	
FQ-1020	20	in	mm	in	mm	in	mm	\$18.88
		1.3	33	0.91	23	1.73	44	
FQ-1050	50	in	mm	in	mm	in	mm	\$20.20
		1.81	46	1.3	33	2.09	53	
FQ-1100	100	in	mm	in	mm	in	mm	\$21.39
		2.24	57	1.54	39	2.68	68	
FQ-1250	250	in	mm	in	mm	in	mm	\$43.04
		2.95	75	1.93	49	3.74	95	

Fused Quartz Crucibles



Clear Quartz Crucibles – Cylindrical

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Catalogue Number	Approx. Capacity (ml)	OD		Height		Price
		in	mm	in	mm	
FQ-2005	5	0.75	19	1.02	26	\$16.57
FQ-2010	10	0.87	22	1.30	33	\$17.65
FQ-2020	20	1.10	28	1.57	40	\$18.88
FQ-2100	100	1.57	40	3.58	91	\$21.39
FQ-2500	500	2.99	76	4.72	120	\$54.81
FQ-2800	800	3.94	100	4.72	120	\$64.66

Fused Quartz Crucibles



Opaque Quartz Crucibles – Solar Grade

High purity quartz crucible for silicon single crystal pullout

Please call (520) 514-1100

<i>Catalogue Number</i>	<i>OD(inch)</i>	<i>H(inch)</i>
FQ-3012	12	9
FQ-3014	14	11
FQ-3016	16	12
FQ-3018	18	12.6
FQ-3020	20	14
FQ-3022	22	15

Fused Quartz Crucibles



Opaque Quartz Crucibles – Chemical Processing

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Catalogue Number	OD(inch)	H(inch)
FQ-3110	10	7.5
FQ-3112	12	9
FQ-3114	14	11
FQ-3116	16	11
FQ-3118	18	12.6
FQ-3120	20	14

High purity fused quartz crucibles used for a variety of chemical and material processing.

Quartzware Fabrication



Custom Production upon Drawings. Please call 520 514-1100 for details.

Custom Manufacturing

- Custom Dimensions
- Special tolerances and surface finishing
- OEM Parts

Custom production available to meet your special needs!

Please call (520) 514-1100 for details



