

Glass Apparatus



GLASSWARE

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Glass Apparatus

BEAKERS Griffin, low form, double scale, graduated, ISO3819 *Non-ISO size



Article No.	Capacity mL	Graduated Interval mL	Subdivision mL	Approx. O.D. ×Height(mm)	Case Qty pcs
20201-5	5	---	---	22×30	240
20201-10	10	4-8	4	26×35	240
20201-20	20	10-15	5	32×43	240
20201-25	25	10-15	5	34×50	240
20201-50	50	10-40	10	42×60	192
20201-100	100	20-80	10	50×70	192
20201-150	150	20-140	20	60×80	192
20201-200*	200	25-175	25	66×90	144
20201-250	250	25-200	25	70×95	144
20201-300*	300	25-250	25	74×105	96
20201-400	400	50-350	25	80×110	72
20201-500	500	50-400	50	86×120	72
20201-600	600	100-500	50	90×125	48
20201-800	800	100-750	50	100×135	36
20201-1000	1000	100-900	50	105×145	24
20201-2000	2000	200-1800	100	130×190	16
20201-3000	3000	250-2500	250	150×210	8
20201-4000*	4000	500-3500	250	161×253	6
20201-5000	5000	500-4500	500	170×270	6
20201-10000*	10000	1000-9000	500	217×350	4

BEAKERS Berzelius, tall form, double scale, graduated, ISO 3819



Article No.	Capacity mL	Graduated Interval mL	Subdivision mL	Approx. O.D. ×Height(mm)	Case Qty pcs
20202-50	50	10-40	10	38×70	192
20202-100	100	20-80	10	48×80	192
20202-150	150	20-140	20	54×95	192
20202-250	250	25-200	25	60×120	72
20202-300	300	50-250	25	65×125	72
20202-400	400	50-350	25	70×130	72
20202-500	500	100-400	25	75×140	48
20202-600	600	100-500	50	80×150	48
20202-800	800	100-750	50	90×175	48
20202-1000	1000	100-900	50	95×180	36
20202-2000	2000	200-1800	100	120×240	12
20202-3000	3000	250-2500	250	135×280	8



Glass Apparatus

BEAKERS Berzelius,tall form,double scale,graduated,ISO 3819



Article No.	Capacity mL	Graduated Interval mL	Subdivision mL	Approx. O.D. ×Height(mm)	Case Qty pcs
20202-50F	50	10-40	10	38×70	192
20202-100F	100	20-80	10	48×80	192
20202-150F	150	20-140	20	54×95	192
20202-250F	250	25-200	25	60×120	72
20202-300F	300	50-250	25	65×125	72
20202-400F	400	50-350	25	70×130	72
20202-500F	500	100-400	25	75×140	48
20202-600F	600	100-500	50	80×150	48
20202-800F	800	100-750	50	90×175	48
20202-1000F	1000	100-900	50	95×180	36
20202-2000F	2000	200-1800	100	120×240	12
20202-3000F	3000	250-2500	250	135×280	8

BEAKERS Phillips, conical,with spout



Article No.	Capacity mL	Height mm	Max.O.D. mm	Case Qty pcs
20203-50	50	70	44	120
20203-100	100	90	55	120
20203-150F	150	95	66	80
20203-250	250	113	75	80
20203-500	500	170	90	60
20203-1000	1000	190	116	36

BEAKERS Flat bottom,narrow neck, with beaded rim,ISO 1773



Article No.	Capacity mL	Height mm	Neck O.D. mm	Max.O.D. mm	Case Qty pcs
20404-50	50	90	26	51	192
20404-100	100	105	26	64	192
20404-250	250	138	34	85	72
20404-500	500	163	34	105	48
20404-1000	1000	190	42	131	24
20404-2000	2000	230	50	166	12
20404-3000	3000	295	50	195	6
20404-4000	4000	275	50	207	6
20404-5000	5000	320	56	230	6
20404-6000	6000	315	65	236	6
20404-10000	10000	360	70	279	4



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FLASKS Flat bottom, wide neck, with beaded rim, ISO 24450



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Case Qty pcs
20405-50	50	90	34	51	192
20405-100	100	105	34	64	192
20405-250	250	138	50	85	72
20405-500	500	163	50	105	48
20405-1000	1000	190	50	131	24

FLASKS Round bottom, narrow neck, with bead rim, ISO 1773



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Case Qty pcs
20407-50	50	95	26	51	192
20407-100	100	110	26	64	192
20407-250	250	143	34	85	72
20407-500	500	168	34	105	48
20407-1000	1000	200	42	131	24
20407-2000	2000	240	50	166	12
20407-3000	3000	305	50	195	6
20407-4000	4000	290	50	207	6
20407-5000	5000	345	56	230	6
20407-6000	6000	330	65	236	6
20407-10000	10000	380	70	279	4

FLASKS Round bottom, short neck, with bead rim



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Case Qty pcs
20408-50	50	84	19	52	192
20408-100	100	102	22	64	192
20408-250	250	130	28	86	72
20408-500	500	165	34	110	48
20408-1000	1000	204	40	136	24
20408-2000	2000	255	42	170	12
20408-3000	3000	294	49	195	6
20408-5000	5000	345	58	230	6
20408-10000	10000	420	70	280	4
20408-15000	15000	465	78	320	4
20408-20000	20000	515	85	355	1



Glass Apparatus

FLASKS Flat bottom, wide neck, with beaded rim, ISO 24450



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Case Qty pcs
20409-50	50	95	34	51	192
20409-100	100	110	34	64	192
20409-250	250	143	50	85	72
20409-500	500	168	50	105	48
20409-1000	1000	200	50	131	24

Glass Apparatus

FLASKS Round bottom, short neck, ♂ Joint, ISO4797



Article No.	Capacity mL	Centre socket size	Flask.O.D. mm	Case Qty pcs
20412 01-50	50	19/26	51	105
20412 01-100	100	19/26	64	115
20412 01-100	100	24/29	64	115
20412 01-100	100	29/32	64	115
20412 01-250	250	19/26	85	145
20412 01-250	250	24/29	85	145
20412 01-250	250	29/32	85	145
20412 01-500	500	24/29	105	175
20412 01-500	500	29/32	105	175
20412 01-1000	1000	24/29	131	210
20412 01-1000	1000	29/32	131	210
20412 01-2000	2000	29/32	166	260

FLASKS Round bottom, short neck, ♂ Joint ISO 4797



Article No.	Capacity mL	Centre socket size	Flask.O.D. mm	Case Qty pcs
20412 04-100	100	19/26	64	115
20412 04-250	250	24/29	105	175
20412 04-500	500	29/32	131	210
20412 04-1000	1000	29/32	161	260



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FLASKS

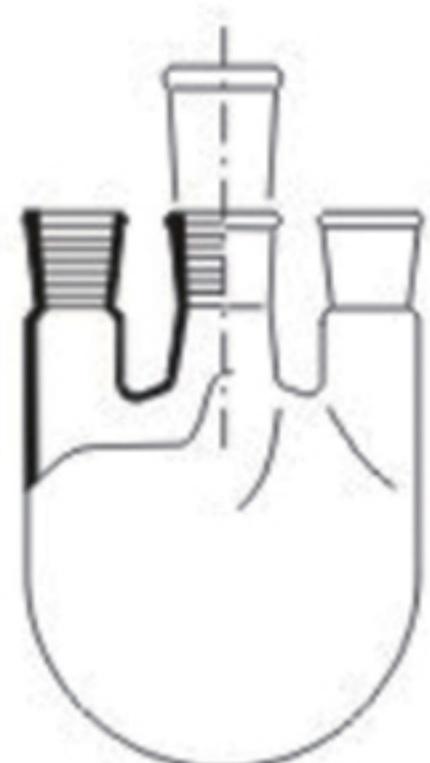
Round bottom, three necks, with standard ground sockets, side necks parallel



Article No.	Capacity mL	Centre socket size	Side socket size	Flask.O.D. mm	Height mm
20413 01-250	250	24/29	19/26	85	145
20413 01-250	250	29/32	14/23	85	145
20413 01-500	500	24/29	19/26	105	175
20413 01-500	500	29/32	14/23	105	175
20413 01-500	500	29/32	29/32	105	175
20413 01-1000	1000	24/29	19/26	131	210
20413 01-1000	1000	29/32	14/23	131	210
20413 01-1000	1000	29/32	29/32	131	210
20413 01-2000	2000	29/32	14/23	166	260
20413 01-2000	2000	29/32	29/32	166	260

FLASKS

Round bottom, four necks, with standard ground sockets, side necks parallel



Article No.	Capacity mL	Centre socket size	Side socket size	Flask.O.D. mm	Height mm
20413 02-500	500	29/32	29/32	105	175
20413 02-1000	1000	29/32	29/32	131	210

FLASKS

Round bottom, shork neck, § Joint ISO 4797



Article No.	Capacity mL	Centre socket size	Side socket size	Flask.O.D. mm	Height mm
20412 02-100	100	24/29	14/23	64	115
20412 02-100	100	29/32	14/23	64	115
20412 02-250	250	24/29	14/23	85	145
20412 02-250	250	29/32	14/23	85	145
20412 02-500	500	24/29	14/23	105	175
20412 02-500	500	29/32	14/23	105	175
20412 02-1000	1000	24/29	14/23	131	210
20412 02-1000	1000	29/32	14/23	131	210
20412 02-2000	2000	29/32	14/23	166	260



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FLASKS

Round bottom, three necks, with standard ground sockets, side necks angled



Article No.	Capacity mL	Centre socket size	Side socket size	Flask.O.D. mm	Height mm
20412 03-100	100	24/29	14/23	64	115
20412 03-100	100	29/32	14/23	64	115
20412 03-250	250	24/29	14/23	85	145
20412 03-250	250	29/32	14/23	85	145
20412 03-500	500	24/29	14/23	105	175
20412 03-500	500	29/32	14/23	105	175
20412 03-1000	1000	24/29	14/23	131	210
20412 03-1000	1000	29/32	14/23	131	210
20412 03-2000	2000	29/32	14/23	166	260

FLASKS

Distilling



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Side arm O.D. mm	Side arm Length mm
30529-50	50	135	22	53	7	80
30529-100	100	174	22	66	7	100
30529-250	250	216	24	86	8	125
30529-500	500	275	30	109	8	150
30529-1000	1000	320	35	135	9	180
30529-2000	2000	408	42	168	10	225
30529-3000	3000	450	48	192	11	250
30529-5000	5000	530	57	230	12	290

FLASKS

Distilling

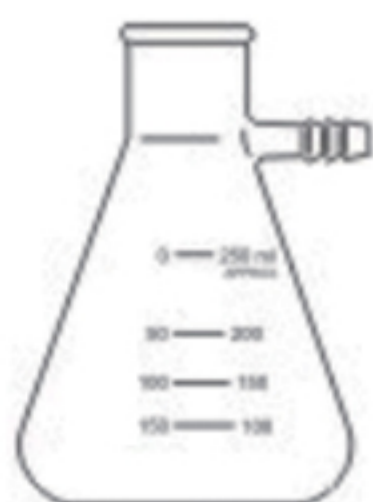


Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Side neck O.D. mm	Side arm O.D. mm	Side arm Length mm
30532-100	100	174	22	66	20	8	150
30532-250	250	216	24	86	22	8	200
30532-500	500	275	30	109	25	8	250
30532-1000	1000	320	35	135	30	9	300
30532-2000	2000	408	42	168	35	10	350
30532-3000	3000	450	48	192	40	11	400
30532-5000	5000	530	57	230	45	12	450



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FILTER FLASKS With glass hose connection, for vacuum use, ISO 6556



Article No.	Capacity mL	Max.O.D. mm	Neck I.D. mm	Height mm	Case Qty PCS
30834-100	100	72	24	105	48
30834-250	250	87	35	145	48
30834-500	500	107	35	175	48
30834-1000	1000	138	45	230	24
30834-2000	2000	168	45	275	12

ERLENMEYER FLASKS Narrow neck, with graduation



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Graduated Interval mL	Subdiv mL	Case Qty pcs
20401 01-50	50	80	26	54	20-50	10	192
20401 01-100	100	106	32	66	40-100	20	192
20401 01-150	150	124	32	75	75-150	25	144
20401 01-200	200	132	34	79	75-200	25	96
20401 01-250	250	140	34	85	100-150	50	72
20401 01-300	300	162	34	90	150-300	50	48
20401 01-500	500	184	38	103	200-500	100	48
20401 01-1000	1000	214	45	131	400-1000	100	24

ERLENMEYER FLASKS Narrow neck, with graduation, with beaded rim, ISO 1773* Non-ISO size



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Graduated Interval mL	Subdiv mL	Case Qty pcs
20401 02-25	25	70	22	42	---	--	-
20401 02-50	50	85	22	51	20-50	10	192
20401 02-100	100	105	22	64	40-100	20	192
20401 02-150	150	124	32	75	75-150	25	144
20401 02-250	250	140	34	85	100-250	50	72
20401 02-300	300	157	34	87	100-300	50	48
20401 02-500	500	175	34	105	200-500	100	48
20401 02-1000	1000	220	42	131	400-1000	100	24
20401 02-2000	2000	280	50	166	500-2000	250	12
20401 02-3000	3000	310	50	187	1000-3000	500	6
20401 02-5000	5000	365	50	220	1500-5000	500	6



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ERLENMEYER FLASKS Wide neck,with graduation,beaded rim/flared rim,ISO 24450* Non-ISO size



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Graduated mL Interval	Subdiv mL	Case Qty pcs
20401 04-50	50	85	34	51	---	---	144
20401 04-100	100	110	34	64	25-100	25	144
20401 04-200*	200	131	50	79	---	---	72
20401 04-250	250	140	50	85	100-250	50	72
20401 04-300*	300	157	50	87	---	---	48
20401 04-500	500	175	50	105	200-500	100	48
20401 04-1000	1000	220	50	131	400-1000	100	24

ERLENMEYER FLASKS Narrow neck,with graduation,ISO 1773



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Graduated Interval mL	Subdiv mL	Case Qty pcs
20401 05-100	100	105	22	64	50-100	25	192
20401 05-250	250	145	34	85	100-250	25	72
20401 05-500	500	180	34	105	200-500	50	48
20401 05-1000	1000	220	42	131	400-1000	50	24
20401 05-2000	2000	280	50	166	500-2000	250	12
20401 05-3000	3000	310	50	187	1000-3000	250	6
20401 05-5000	5000	365	50	220	1500-5000	250	6

ERLENMEYER FLASKS Narrow neck,with graduation,ASTME1404



Article No.	Capacity mL	Height mm	Flask.O.D. mm	Graduated Interval mL	Subdiv mL	Stopper size mL	Case Qty pcs
20403 01-50	50	78	50	20-50	10	1	192
20403 01-125	125	108	66	---	---	5	144
20403 01-250	250	130	82	100-250	50	6	72
20403 01-300	300	140	88	100-300	50	6	48
20403 01-500	500	174	102	200-500	100	7	48
20403 01-1000	1000	213	128	400-1000	100	9	24
20403 01-2000	2000	275	166	600-2000	100	10	12
20403 01-4000	4000	355	208	1000-4000	250	10	6
20403 01-6000	6000	395	241	1500-6000	500	10	1



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ERLENMEYER FLASKS Narrow neck,with graduation,\$Joint



Article No.	Capacity mL	\$Joint	Flask.O.D. mm	Height mm	Case Qty pcs
20401 03-50	50	14/23	51	85	160
20401 03-50	50	19/26	51	85	160
20401 03-100	100	14/26	64	105	160
20401 03-100	100	19/26	64	105	160
20401 03-100	100	29/32	64	105	160
20401 03-250	250	19/26	85	140	60
20401 03-250	250	29/32	85	140	60
20401 03-250	250	40/45	85	140	60
20401 03-500	500	29/32	105	175	60
20401 03-500	500	40/45	105	175	60
20401 03-1000	1000	40/45	131	220	24
20401 03-2000	2000	40/45	166	280	12
20401 03-3000	3000	40/45	187	310	6
20401 03-5000	5000	40/45	220	385	6

ERLENMEYER FLASKS Narrow neck,with graduation,ISO 1773



Article No.	Capacity mL	\$Joint	Flask.O.D. mm	Height mm	Case Qty pcs
20403 02-100	100	19/17	66	105	160
20403 02-150	150	19/17	80	120	80
20403 02-250	250	19/17	81	140	60
20403 02-500	500	29/22	101	175	60

FLASKS Kjeldahl,round bottom,long neck



Article No.	Capacity mL	Height mm	Neck O.D. mm	Flask.O.D. mm	Case Qty pcs
20416-50	50	182	21	52	108
20416-100	100	218	24.5	64	72
20416-250	250	290	27.5	84	36
20416-300	300	305	28.5	88	36
20416-500	500	340	28.5	100	24
20416-800	800	365	34	118	24
20416-1000	1000	415	38	133	18

FLASKS Pear shape,with standard ground socket



Article No.	Capacity mL	\$Joint	Flask.O.D. mm	Height mm
20417 01-10	10	14/23	30	75
20417 01-25	25	14/23	40	90
20417 01-50	50	14/23	50	110
20417 01-100	100	14/23	62	125



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FLASKS Kjeldahl type, short neck, with standard ground socket



Article No.	Capacity mL	Joint	Flask.O.D. mm	Height mm
20417 02-25	25	14/23	39	98
20417 02-50	50	14/23	52	114
20417 02-100	100	14/23	64	140
20417 02-500	500	29/32	109	174

FLASKS Pear shape, two necks, with standard ground socket, side neck parallel



Article No.	Capacity mL	Centre socket Size	Side socket Size	Height mm
20417 03-25	25	14/23	14/23	98
20417 03-50	50	14/23	14/23	114
20417 03-100	100	14/23	14/23	140

FLASKS Kjeldahl, round bottom, long neck



Article No.	Capacity. mL	Joint.	Flask.O.D. . mL	Height mm
20417 05-25	25	14/23	42	76
20417 05-50	50	14/23	52	90
20417 05-100	100	19/26	63	108
20417 05-250	250	19/26	86	138
20417 05-500	500	29/32	109	175
20417 05-1000	1000	29/32	136	210
20417 05-2000	2000	34/35	164	325

EVAPORATING DISHES With spout



Article No.	Capacity mL	Rim O.D. mm	Height mm
20102 01-10	10	40	18
20102 01-15	15	50	25
20102 01-45	45	60	30
20102 01-60	60	70	35
20102 01-90	90	80	45
20102 01-170	170	95	55
20102 01-320	320	115	65
20102 01-600	600	140	80
20102 01-1500	1500	190	100
20102 01-2500	2500	230	130



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EVAPORATING DISHES With spout, DIN 12336



Article No.	Capacity mL	Rim O.D. mm	Height mm
20102 02-10	10	40	18
20102 02-15	15	50	25
20102 02-45	45	60	30
20102 02-60	60	70	35
20102 02-90	90	80	45
20102 02-170	170	95	55
20102 02-320	320	115	65
20102 02-600	600	140	80
20102 02-1500	1500	190	100
20102 02-2500	2500	230	130

EVAPORATING DISHES With spout, DIN 12336



Article No.	O.D. mm	Height mm
20104-6035	60	35
20104-7040	70	40
20104-8045	80	45
20104-9055	90	55
20104-9555	95	55
20104-10055	100	55
20104-10565	105	65
20104-11568	115	68
20104-12572	125	72
20104-14075	140	75
20104-15080	150	80
20104-17090	170	90
20104-18084	180	84
20104-19095	190	95
20104-200105	200	105



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STORAGE/MEDIA BOTTLES With polypropylene cap and pour ring



Article No.	Capacity mL	Grad.range mL	Grad.interval mL	O.D.xHT mm	Case Qty pcs
14395-100	100	20-80	10	56×100	10
14395-250	250	50-200	25	70×138	10
14395-500	500	100-400	50	86×176	10
14395-1000	1000	100-900	50	101×225	10
14395-2000	2000	400-1800	100	136×262	4
14395-5000	5000	1000-4000	250	186×330	1
14395-10000	10000	2000-8000	500	234×410	1
14395-20000	20000	2000-18000	1000	297×505	1

Replacement Caps and Pour Rings

14395C-45	10
14395P-45	10

SOLUTION BOTTLES



Article No.	Capacity gal	Approx.Dia mm	Apprpx Height mm	Case Qty pcs
14950-25	2.5	222	392	1
14950-35	3.5	257	448	1
14950-50	5	294	500	1

SERUM BOTTLES



Article No.	Capacity ml	Approx.Dia mm	Apprpx Height mm	Case Qty pcs
14960-4000	4000	167	310	1
14960-9000	9000	203	412	1



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REAGENT BOTTLES Narrow neck (brown)



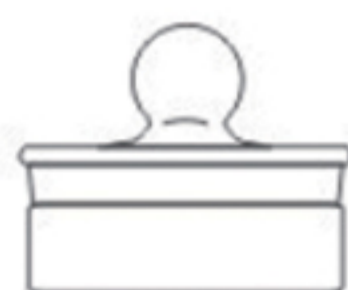
Article No.	Capacity mm	Bottle O.D. mm	caliber mm	Height mm	Case Qty pcs
20305 07-30	30	40	18	76	160
20305 07-60	60	46	22	85	160
20305 07-125	125	57	24	110	80
20305 07-250	500	70	27	135	60
20305 07-500	1000	85	33	172	48
20305 07-1000	2000	106	38	202	24
20305 07-2500	5000	145	48	270	6
20305 07-5000	10000	185	58	338	6
20305 07-10000	20000	225	68	430	2

WEIGHING BOTTLES Tall shape



Article No.	O.D. mm	Height mm	Case Qty pcs
31402 01-2525	25	25	500
31402 01-2530	25	30	500
31402 01-2540	25	40	300
31402 01-2550	25	50	300
31402 01-2560	25	60	300
31402 01-3030	30	30	300
31402 01-3040	30	40	300
31402 01-3050	30	50	300
31402 01-3060	30	60	250
31402 01-3070	30	70	250
31402 01-4050	40	50	250
31402 01-4560	45	60	250
31402 01-4570	45	70	250

SERUM BOTTLES



Article No.	O.D. mm	Height mm	Case Qty pcs
31402 02-3020	30	20	300
31402 02-3025	30	25	300
31402 02-3525	35	25	300
31402 02-3535	35	35	300
31402 02-4020	40	20	300
31402 02-4025	40	25	300
31402 02-4030	40	30	300
31402 02-4040	40	40	300
31402 02-4525	45	25	120
31402 02-4530	45	30	120
31402 02-5030	50	30	120
31402 02-6030	60	30	120
31402 02-7030	60	35	120
31402 02-7035	60	40	120
31402 02-7040	60	40	120



Glass Apparatus

REAGENT BOTTLES Wide neck



Article No.	Capacity mm	Bottle O.D. mm	caliber mm	Height mm	Case Qty pcs
20305 04-30	30	40	25	72	160
20305 04-60	60	46	30	80	160
20305 04-125	125	57	28	108	80
20305 04-250	250	70	50	130	60
20305 04-500	500	85	58	165	48
20305 04-1000	1000	106	65	188	24
20305 04-2500	2000	145	90	260	6
20305 04-5000	5000	185	110	330	6

WEIGHING BOTTLES Wide neck(brown)



Article No.	Capacity mm	Bottle O.D. mm	caliber mm	Height mm	Case Qty pcs
20305 05-30	30	40	25	25	160
20305 05-60	60	46	30	30	160
20305 05-125	125	57	38	38	80
20305 05-250	250	70	50	50	80
20305 05-500	500	85	58	58	48
20305 05-1000	100	106	65	65	24
20305 05-2500	2500	145	90	90	6
20305 05-5000	5000	185	110	110	6

SERUM BOTTLES



Article No.	Capacity mm	Bottle O.D. mm	caliber mm	Height mm	Case Qty pcs
20305 06-30	30	40	18	76	160
20305 06-60	60	46	22	85	160
20305 06-125	125	57	24	110	80
20305 06-250	250	70	27	135	60
20305 06-500	500	85	33	172	48
20305 06-1000	1000	106	38	202	24
20305 06-2500	2500	145	48	270	6
20305 06-5000	5000	185	58	338	6
20305 06-10000	10000	225	68	430	2



Glass Apparatus

GL45 STORAGE/MEDIA BOTTLES WITH BLUE PP CAPS

Article No.	Capacity ml	Graduation Range ml	Graduation Interval ml	OD × HT mm	Case Qty pcs
24395-100	100	20-80	10	56×100	10
24395-250	250	50-200	25	70×138	10
24395-500	500	100-400	50	86×176	10
24395-1000	1000	100-900	50	101×225	10
24395-2000	2000	400-1800	100	136×262	4
24395-5000	5000	1000-4000	250	186×330	1
24395-10000	10000	1000-8000	500	234×410	1
24395-20000	20000	2000-18000	1000	297×505	1



GL45 STORAGE/MEDIA BOTTLES WITHOUT CAPS

Article No.	Capacity ml	Graduation Range ml	Graduation Interval ml	OD × HT mm	Case Qty pcs
24396-100	100	20-80	10	56×100	10
24396-250	250	50-200	25	70×138	10
24396-500	500	100-400	50	86×176	10
24396-1000	1000	100-900	50	101×225	10
24396-2000	2000	400-1800	100	136×262	4
24396-5000	5000	1000-4000	250	186×330	1
24396-10000	10000	1000-8000	500	234×410	1
24396-20000	20000	2000-18000	1000	297×505	1

GL45 SCREW THREAD COLOR CODED CAPS

Article No.	Description	Max.Temp.Rating	Case Qty
24395C-45	Blue Cap	140	10
24395C-451	White Cap	140	10
24395C-453	Orange Cap	140	10

GL45 SCREW THREAD PTFE MEMBRANE BLUE CAPS

Article No.	Description	Max.Temp.Rating	Case Qty
24395H-45	Blue Cap with PTFE Membrane	140	10

GL45 SCREW THREAD HIGH TEMPERATURE RED CAPS

Article No.	Description	Max.Temp.Rating	Case Qty
24395h-452	Red,High Temp Cap	180	10

GL45 POUR RING,CLEAR AND RED HIGH TEMPERATURE

Article No.	Description	Max.Temp.Rating	Case Qty
24395P-45	Clear,polypropylene Ring	140	10
24395E-452	Red,High Temp,ETFE Ring	180	10



Glass Apparatus



VOLUMETRIC GLASSWARE

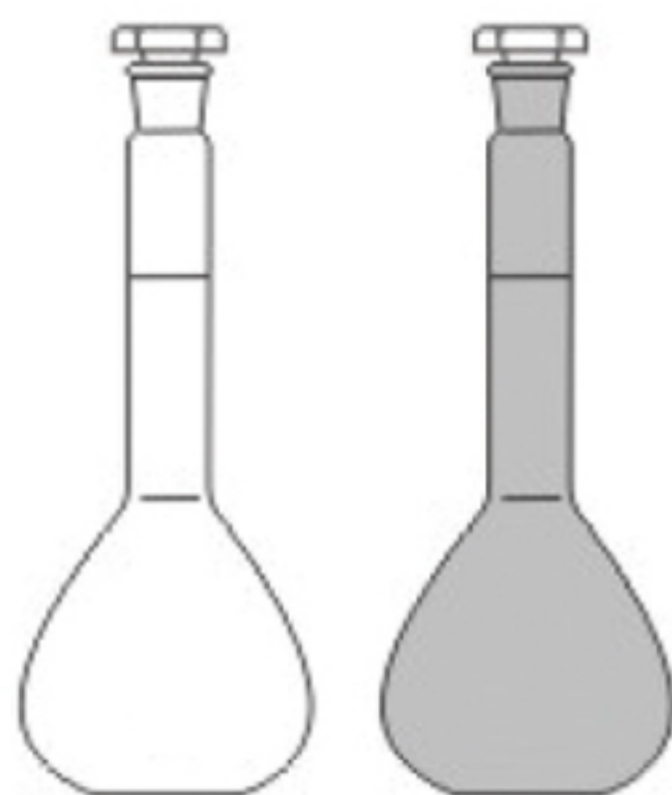
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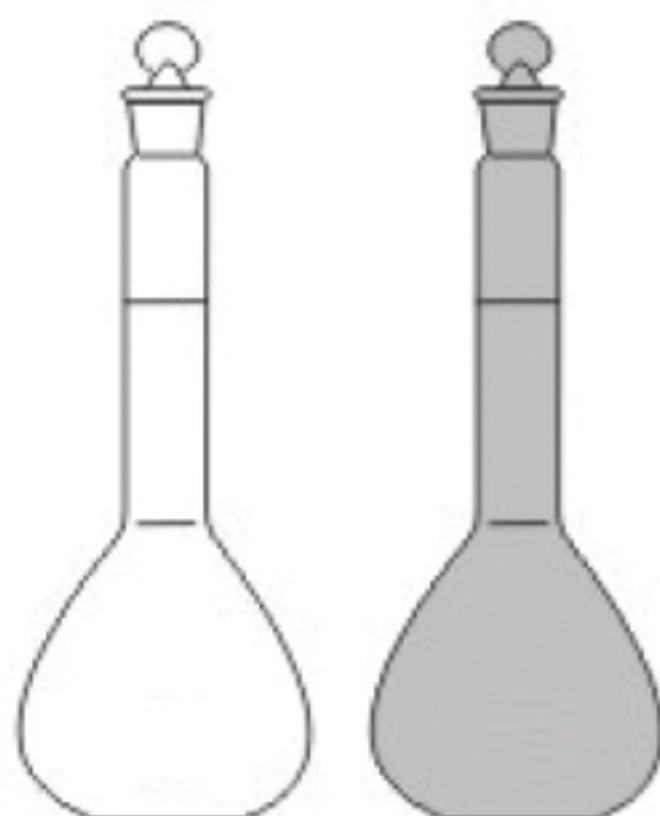
Glass Apparatus

VOLUMETRIC FLASKS Borosilicate glass, class A, Polyethylene stopper



Article No.	Capacity	\pm Tol.	§ Joint	Approx	Case Qty
	mL			mL	
40620 01-5	5	0.02	7.5 / 11	30×75	---
40620 01-10	10	0.02	10 / 13	27×90	240
40620 01-25	25	0.03	10 / 13	37×110	120
40620 01-50	50	0.05	10 / 13	49×140	50
40620 01-100	100	0.10	12 / 14	60×170	50
40620 01-200	200	0.15	14 / 15	75×210	40
40620 01-250	250	0.15	14 / 15	80×220	36
40620 01-500	500	0.25	19 / 17	100×265	24
40620 01-1000	1000	0.40	19 / 17	127×315	15
40620 01-2000	2000	0.60	24 / 20	160×375	12
40620 01-5000	5000	1.20	34 / 35	221×470	6

VOLUMETRIC FLASKS Soda glass, class A, glass stopper



Article No.	Capacity	\pm Tol.	§ Joint	Approx	Case Qty
	mL			mL	
40620 02-5	5	0.02	7.5 / 11	30×75	---
40620 02-10	10	0.02	10 / 13	36×90	240
40620 02-25	25	0.03	10 / 13	37×110	120
40620 02-50	50	0.05	10 / 13	49×140	50
40620 02-100	100	0.10	12 / 14	60×170	50
40620 02-200	200	0.15	14 / 15	75×210	40
40620 02-250	250	0.15	14 / 15	80×220	36
40620 02-500	500	0.25	19 / 17	100×265	24

MEASURE CYLINDERS Borosilicate glass, with graduation, with spout



Article No.	Capacity	\pm Tol.	Grad. Interval	Approx	Case Qty
	mL		mL	mL	
40617 01-10	10	0.10	0.2	15×135	240
40617 01-25	25	0.25	0.5	22×160	---
40617 01-50	50	0.50	1	27×195	---
40617 01-100	100	0.50	1	32×250	---
40617 01-250	250	1.0	2	42×300	32
40617 01-500	500	2.50	5	54×350	18
40617 01-1000	1000	5.0	10	70×430	---
40617 01-2000	2000	10.0	20	85×500	---



Glass Apparatus

MEASURE CYLINDERS Borosilicate glass, with graduation, with spout



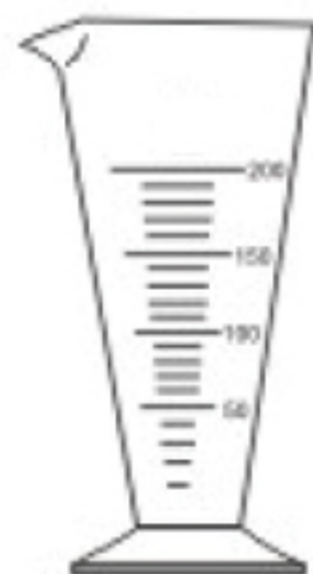
Article No.	Capacity	±Tol.	Grad. Interval	Approx	Case Qty pcs
	mL	mL	mL	O.D. × Height (mm)	
40617 01-10	10	0.10	0.2	15×135	240
40617 01-25	25	0.25	0.5	22×160	---
40617 01-50	50	0.50	1	27×195	---
40617 01-100	100	0.50	1	32×250	---
40617 01-250	250	1.0	2	42×300	32
40617 01-500	500	2.50	5	54×350	18
40617 01-1000	1000	5.0	10	70×430	---
40617 01-2000	2000	10.0	20	85×500	---

CYLINDERS Mixing, soda glass, with graduation, with standard ground joint and plastic stopper, ISO 4778



Article No.	Capacity	±Tol.	Grad. Interval	Stopper
	mL	mL	mL	
40617 03-10	10	0.10	0.2	10 / 13
40617 03-25	25	0.25	0.5	14 / 15
40617 03-50	50	0.25	1	19 / 17
40617 03-100	100	0.50	1	24 / 20
40617 03-250	250	1.0	2	29 / 22
40617 03-500	500	2.5	5	34 / 35
40617 03-1000	1000	5.0	10	45 / 40
40617 03-2000	2000	10.0	20	45 / 40

DISPENSING MEASURE Conical, with graduation, with spout, soda glass

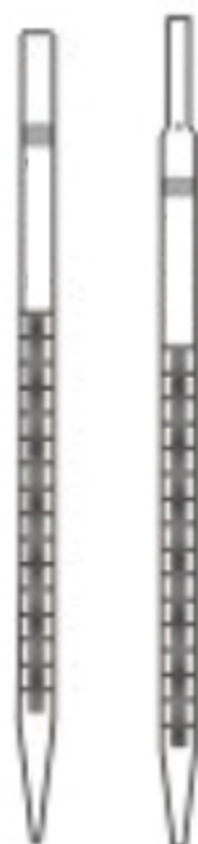


Article No.	Capacity	±Tol.	Grad. Interval	Height	Case Qty pcs
	mL	mL	mL	mm	
40618-5	5	0.20	1	85	200
40618-10	10	0.40	1	100	200
40618-20	20	0.50	2	115	200
40618-50	50	1.0	5	140	120
40618-100	100	1.5	10	170	80
40618-250	250	3.0	25	200	24
40618-500	500	6.0	25	250	20
40618-1000	1000	10.0	50	315	15
40618-2000	2000	20.0	100	375	6



Glass Apparatus

PIPETTES Measuring, with line divisions graduated with zero at the top, Class B, ISO 835



Article No.	Capacity	\pm Tol.	Grad. Interval	Height	Case Qty pcs
	mL	mL	mL	mm	
40629 02-0.1	0.1	0.004	0.001	355	200
40629 02-0.2	0.2	0.006	0.002	355	200
40629 02-0.5	0.5	0.010	0.01	355	200
40629 02-1	1	0.015	0.01	355	200
40629 02-2	2	0.025	0.02	355	200
40629 02-5	5	0.050	0.05	355	200
40629 02-10	10	0.1	0.1	355	200
40629 02-25	25	0.2	0.1	450	200
40629 02-50	50	0.2	0.2	495	200

PIPETTES Volumetric one-mark, transfer, class A, ISO 648



Article No.	Capacity	\pm Tol.	Height	Case Qty pcs
	mL	mL	mm	
40628 02-1	1	0.007	330	200
40628 02-2	2	0.010	340	200
40628 02-3	3	0.015	360	100
40628 02-5	5	0.015	400	100
40628 02-10	10	0.020	450	100
40628 02-15	15	0.025	520	100
40628 02-20	20	0.030	560	100
40628 02-25	25	0.030	570	100
40628 02-50	50	0.050	600	100
40628 02-100	100	0.080	640	50

BURETTES Dispensing, class A, glass stopcocks, ISO 385



Article No.	Capacity	\pm Tol.	Grad. Interval	Case Qty pcs
	mL	mL	mL	
40604 04-5	5	0.010	0.02	30
40604 04-10	10	0.025	0.05	30
40604 04-25	25	0.050	0.1	24
40604 04-50	50	0.050	0.1	24
40604 04-100	100	0.1	0.2	24



Glass Apparatus

BURETTES Dispensing, class A, PTFE stopcocks, ISO 385



Article No.	Capacity mL	±Tol. mL	Grad. Interval mL	Case Qty pcs
40604 02-5	5	0.010	0.02	30
40604 02-10	10	0.025	0.05	30
40604 02-25	25	0.050	0.1	24
40604 02-50	50	0.050	0.1	24
40604 02-100	100	0.1	0.2	24

BURETTES For use with rubber tube connection



Article No.	Capacity mL	±Tol. mL	Grad. Interval mL	Height mm	Case Qty pcs
40604 01-5	5	0.010	0.02	520	60
40604 01-10	10	0.025	0.05	520	60
40604 01-25	25	0.050	0.1	520	60
40604 01-50	50	0.050	0.1	700	60
40604 01-100	100	0.1	0.1	700	60

BURETTES For use with rubber tube connection, with funnel

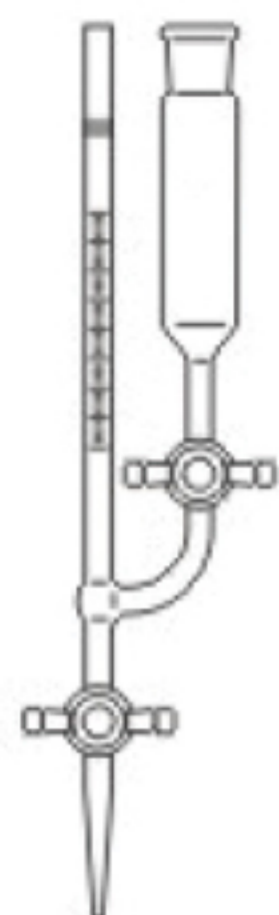


Article No.	Capacity mL	±Tol. mL	Grad. Interval mL	Height mm	Case Qty pcs
40605-5	5	0.010	0.02	520	60
40605-10	10	0.025	0.05	520	60
40605-25	25	0.05	0.10	520	60
40605-50	50	0.05	0.10	700	60
40605-100	100	0.10	0.10	700	60



Glass Apparatus

MICROBURETTES With straight stopcock, class B, main graduations encircle the tube, waiting time 30 seconds



Article No.	Capacity mL	±Tol. mL	Grad. Interval mL	Height mm	Case Qty pcs
40611-1	1	0.02	0.01	475	12
40611-2	2	0.02	0.01	550	12
40611-5	5	0.02	0.02	700	12
40611-10	10	0.05	0.05	700	12

AUTOBURETTES Borosilicate glass with 3.3 expansion, with side stopcocks, class A



Article No.	Capacity mL	±Tol. mL	Grad. Interval mL	Height mm	Case Qty pcs
40601 01-10	10	0.025	0.05	930	4
40601 01-25	25	0.04	0.10	930	4
40601 01-50	50	0.05	0.10	930	4

AUTOBURETTES Borosilicate glass with 3.3 expansion, with side stopcocks, class A



Article No.	Capacity mL	±Tol. mL	Grad. Interval mL	Height mm	Case Qty pcs
40601 02-10	10	0.025	0.05	930	4
40601 02-25	25	0.04	0.10	930	4
40601 02-50	50	0.05	0.10	930	4



Glass Apparatus



APPARATUS GLASSWARE

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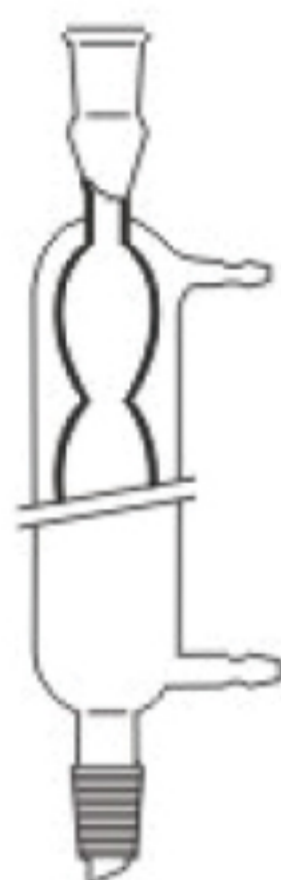
Glass Apparatus

CONDENSERS Air cooling, with 2 standard ground joints



Article No.	Height mm	Socket size	Cone size
30501-150	235	14 / 23	14 / 23
30501-200A	285	14 / 23	14 / 23
30501-200B	300	19 / 26	19 / 26
30501-200C	310	24 / 29	24 / 29
30501-250A	333	14 / 23	14 / 23
30501-250B	350	19 / 26	19 / 26
30501-300	410	24 / 29	24 / 29
30501-400A	500	19 / 26	19 / 26
30501-400B	510	24 / 29	24 / 29
30501-500	610	24 / 29	24 / 29

ALLIHN CONDENSERS With 2 standard ground joints, ISO 4799



Article No.	Height mm	Socket size	Cone size
30502-160	276	14 / 23	14 / 23
30502-250A	381	19 / 26	19 / 26
30502-250B	381	24 / 29	24 / 29
30502-250C	381	29 / 32	29 / 32
30502-400A	546	19 / 26	19 / 26
30502-400B	546	24 / 29	24 / 29
30502-400C	546	29 / 32	29 / 32
30502-630A	810	24 / 29	24 / 29
30502-630B	810	29 / 32	29 / 32

COIL CONDENSERS Dimroth type, with 2 standard ground joints



Article No.	Height mm	Socket size	Cone size
30505-160A	276	14 / 23	14 / 23
30505-160B	276	19 / 26	19 / 26
30505-250A	381	24 / 29	24 / 29
30505-250B	381	29 / 32	29 / 32
30505-400	546	29 / 32	29 / 32



Glass Apparatus

LIEBIG CONDENSERS With 2 standard ground joints, ISO 4799



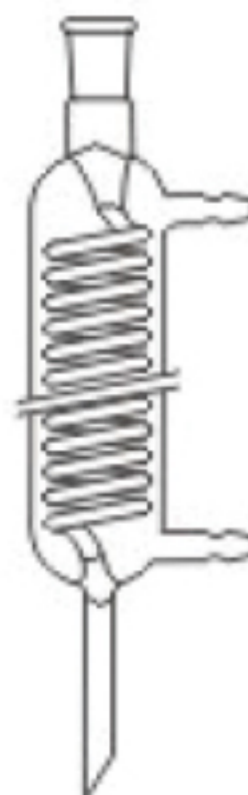
Article No.	Height mm	Socket size	Cone size	Case Qty pcs
30510-100	214	14 / 23	14 / 23	24
30510-160	276	14 / 23	14 / 23	24
30510-250A	386	19 / 26	19 / 26	12
30510-250B	386	24 / 29	24 / 29	12
30510-250C	386	29 / 32	29 / 32	12
30510-400A	546	19 / 26	19 / 26	12
30510-400B	546	24 / 29	24 / 29	12
30510-400C	546	29 / 32	29 / 32	12
30510-630A	810	24 / 29	24 / 29	----
30510-630B	810	29 / 32	29 / 32	----
30510-1000A	1180	24 / 29	24 / 29	----
30510-1000B	1180	29 / 32	29 / 32	----

CONDENSERS Coiled distillate-tube, with 2 standard ground joints, ISO 4799



Article No.	Height mm	Socket size	Cone size	Case Qty pcs
30512 01-160	286	19 / 26	19 / 26	24
30512 01-250A	386	24 / 29	24 / 29	12
30512 01-250B	386	29 / 32	29 / 32	12
30512 01-300A	441	24 / 29	24 / 29	12
30512 01-300B	441	29 / 32	29 / 32	12
30512 01-400	546	29 / 32	29 / 32	12
30512 01-630	793	29 / 32	29 / 32	----

CONDENSERS Coiled distillate-tube, with 1 standard ground joint, ISO 4799

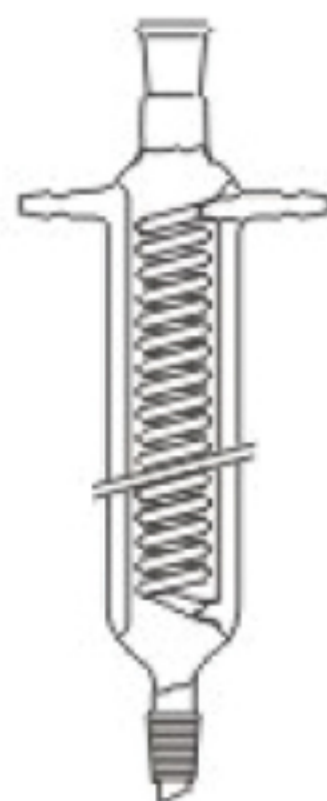


Article No.	Height mm	Socket size
30512 02-160	286	19 / 26
30512 02-250A	386	24 / 29
30512 02-250B	386	29 / 32
30512 02-300A	441	24 / 29
30512 02-300B	441	29 / 32
30512 02-400	546	29 / 32
30512 02-630	793	29 / 32



Glass Apparatus

CONDENSERS Jacketed coiled coolant-tube, with 2 standard ground joints, ISO4799



Article No.	Height mm	Socket size	Cone size	Case Qty pcs
30513-250A	381	24 / 29	24 / 29	12
30513-250B	381	29 / 32	29 / 32	12
30513-400A	546	24 / 29	24 / 29	6
30513-400B	546	29 / 32	29 / 32	6

FUNNELS Cylindrical, dropping, with ground glass stopper and glass stopcock, without graduation, ISO 4800



Article No.	Capacity mL	Stopcock Size	Joint	Length stem	Case Qty pcs
31005 01-50	50	3	19 / 26	150	1
31005 01-100	100	3	19 / 26	150	1
31005 01-250	250	4	29 / 32	150	1
31005 01-500	500	4	29 / 32	150	1
31005 01-1000	1000	6	29 / 32	150	1

FUNNELS Cylindrical, dropping, with glass stopper and glass stopcock, with graduation, ISO 4800

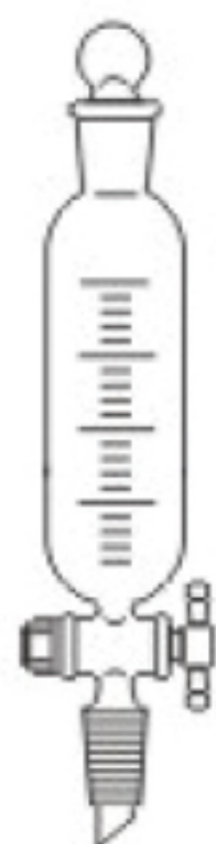


Article No.	Capacity mL	Stem Length x O.D. mm	Stopcock Size	Socket Size
31005 02-50	50	150x9	3	19 / 26
31005 02-100	100	150x9	3	19 / 26
31005 02-250	250	150x10	4	29 / 32
31005 02-500	500	150x10	4	29 / 32
31005 02-1000	1000	150x13	6	29 / 32



Glass Apparatus

FUNNELS Cylindrical, dropping, with ground cone, with PTFE stopcock, with graduation, ISO 4800



Article No.	Capacity mL	Stopcock Size	Socket Size	Cone size
31005 03-50	50	2	19 / 26	14 / 13
31005 03-100A	100	2	19 / 26	14 / 13
31005 03-100B	100	2	19 / 26	19 / 26
31005 03-250A	250	2	29 / 32	24 / 29
31005 03-250B	250	2	29 / 32	29 / 32
31005 03-500A	500	2	29 / 32	24 / 29
31005 03-500B	500	2	29 / 32	29 / 32
31005 03-1000	1000	4	29 / 32	29 / 32

FUNNELS Cylindrical, dropping, with ground cone, with glass stopcock, without graduation, ISO 4800



Article No.	Capacity mL	Stopcock Size	Socket Size	Cone size
31005 04-50	50	3	19 / 26	14 / 13
31005 04-100A	100	3	19 / 26	14 / 13
31005 04-100B	100	3	19 / 26	19 / 26
31005 04-250A	250	4	29 / 32	24 / 29
31005 04-250B	250	4	29 / 32	29 / 32
31005 04-500A	500	4	29 / 32	24 / 29
31005 04-500B	500	4	29 / 32	29 / 32
31005 04-1000	1000	6	29 / 32	29 / 32

FUNNELS Pressure equalizing, with glass stopper and PTFE stopcock, with graduation, ISO 4800

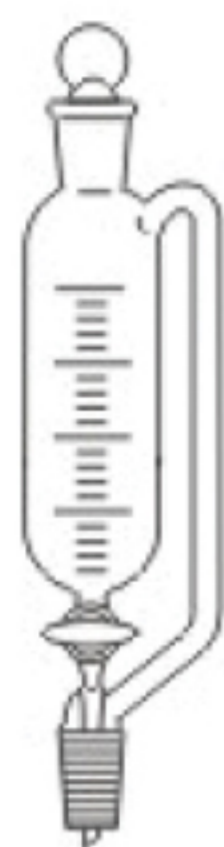


Article No.	Capacity mL	Stopcock Size	Socket Size	Cone size
31005 05-50	50	2	19 / 26	14 / 13
31005 05-100A	100	2	19 / 26	14 / 13
31005 05-100B	100	2	19 / 26	19 / 26
31005 05-250A	250	2	29 / 32	24 / 29
31005 05-250B	250	2	29 / 32	29 / 32
31005 05-500A	500	2	29 / 32	24 / 29
31005 05-500B	500	2	29 / 32	29 / 32



Glass Apparatus

FUNNELS Pressure equalizing, with glass stopper and stopcock, with graduation, ISO 4800



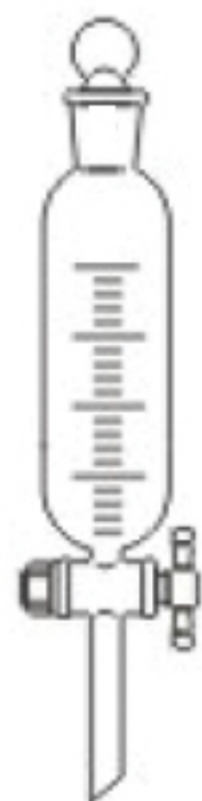
Article No.	Capacity mL	Stopcock Size	Socket Size	Cone size
31005 06-50	50	3	19 / 26	14 / 13
31005 06-100A	100	3	19 / 26	14 / 13
31005 06-100B	100	3	19 / 26	19 / 26
31005 06-250A	250	4	29 / 32	24 / 29
31005 06-250B	250	4	29 / 32	29 / 32
31005 06-500A	500	4	29 / 32	24 / 29
31005 06-500B	500	4	29 / 32	29 / 32

FUNNELS Cylindrical, dropping, with glass stopper and PTFE stopcock, without graduation, ISO 4800



Article No.	Capacity mL	Stopcock Size	Socket Size	Cone size
31005 07-50	50	2	19 / 26	14 / 13
31005 07-100A	100	2	19 / 26	14 / 13
31005 07-100B	100	2	19 / 26	19 / 26
31005 07-250A	250	2	29 / 32	24 / 29
31005 07-250B	250	2	29 / 32	29 / 32
31005 07-500A	500	2	29 / 32	24 / 29
31005 07-500B	500	2	29 / 32	29 / 32
31005 07-1000	1000	4	29 / 32	29 / 32

FUNNELS Cylindrical, dropping, with ground glass stopper and PTFE stopcock, with graduation, ISO 4800



Article No.	Capacity mL	Stem Length x O.D. mm	Stopcock Size	Socket Size
31005 08-50	50	150x9	2	19 / 26
31005 08-100	100	150x9	2	19 / 26
31005 08-250	250	150x10	2	29 / 32
31005 08-500	500	150x10	2	29 / 32
31005 08-1000	1000	150x13	4	29 / 32



Glass Apparatus

TEST TUBES Borosilicate



Article No.	O.D. mm	Length mm	Case Qty pcs
20601-1075	10	75	1500
20601-10100	10	100	1500
20601-11110	11	110	1500
20601-1275	12	75	1500
20601-12100	12	100	1000
20601-12120	12	120	1000
20601-1375	13	75	1500
20601-13100	13	100	800
20601-13130	13	130	900
20601-14100	14	100	800
20601-14140	14	140	900
20601-15100	15	100	800
20601-15150	15	150	600
20601-16100	16	100	800
20601-16160	16	160	600
20601-17170	17	170	300
20601-18100	18	100	800
20601-18150	18	150	600
20601-18180	18	180	300
20601-18200	18	200	300
20601-19190	19	190	200
20601-20200	20	200	200
20601-25180	25	180	170
20601-25200	25	200	170
20601-25250	25	250	170
20601-30200	30	200	200
20601-32200	32	200	120

TEST TUBES Borosilicate, with Screw cap



Article No.	O.D. mm	Length mm	Case Qty pcs
20602-1275	12	75	2000
20602-12100	12	100	2000
20602-13100	13	100	2000
20602-15100	15	100	1000
20602-15150	15	150	1000
20602-16100	16	100	1000
20602-16160	16	160	1000
20602-18150	18	150	600
20602-18180	18	180	600
20602-20125	20	125	600
20602-20150	20	150	600
20602-20200	20	200	200



Glass Apparatus



OTHERS GLASSWARE

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Glass Apparatus

FUNNELS Separating, spherical, with glass stopper and stopcock, ISO 4800



Article No.	Capacity mL	Stem Length × O.D. mm	Stopcock Size	Socket Size
31009 01-50	50	60×9	3	19 / 26
31009 01-100	100	60×9	3	19 / 26
31009 01-250	250	60×9	4	29 / 32
31009 01-500	500	60×10	4	29 / 32
31009 01-1000	1000	60×10	6	29 / 32
31009 01-2000	2000	60×10	6	29 / 32

FUNNELS Separating, conical, with glass stopper and stopcock



Article No.	Capacity mL	Stem Length × O.D. mm	Stopcock Size	Socket Size	Case Qty pcs
31009 02-50	50	60×9	3	19 / 26	48
31009 02-100	100	60×9	3	19 / 26	48
31009 02-250	250	60×9	4	29 / 32	48
31009 02-500	500	60×10	4	29 / 32	48
31009 02-1000	1000	60×10	6	29 / 32	24
31009 02-2000	2000	60×10	6	29 / 32	---

FUNNELS Separating, spherical, with glass stopper and PTFE stopcock, ISO 4800



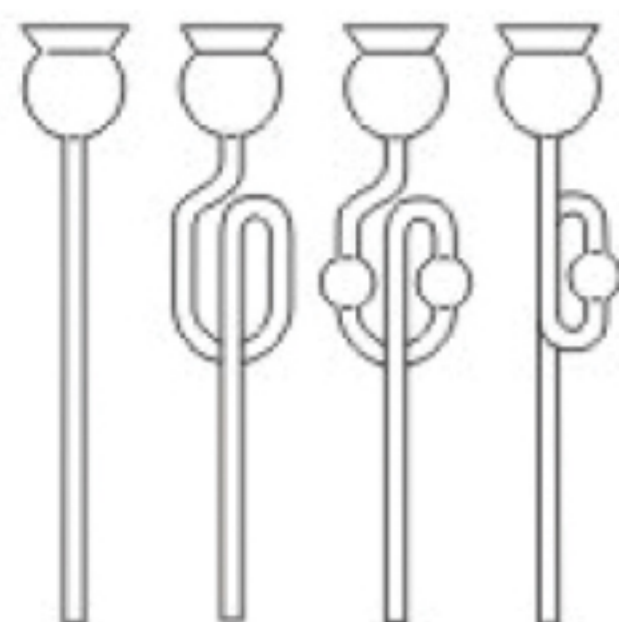
Article No.	Capacity mL	Stem Length × O.D. mm	Stopcock Size	Socket Size
31009 03-50	50	60×9	2	19 / 26
31009 03-100	100	60×9	2	19 / 26
31009 03-250	250	60×9	2	29 / 32
31009 03-500	500	60×10	4	29 / 32
31009 03-1000	1000	60×10	4	29 / 32
31009 03-2000	2000	60×10	4	29 / 32



Glass Apparatus

THISTLE FUNNELS

1. Without bulb, 2. With bend, without bulb in loop, 3. With bend with 2 bulbs in loop, 4. With bend with 1 bulb in loop



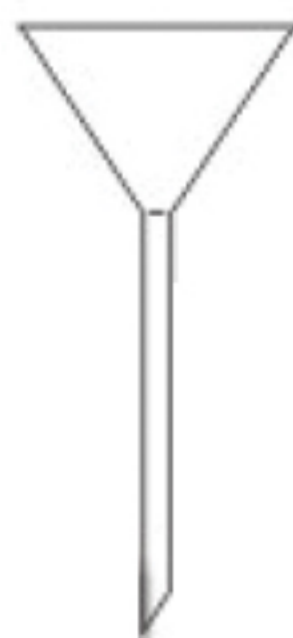
Article No.	Top diameter mm	Overall length mm	Stem O.D. mm	Case Qty pcs
10601-40	40	8	350	100
10602-40	40	8	350	100
10603-40	40	8	350	100
10604-40	40	8	350	100

FUNNELS With short stem



Article No.	Top O.D. mm	Stem length mm	Stem O.D. mm	Case Qty pcs
30801-45	45	45	7	96
30801-50	54	50	7	96
30801-60	64	60	8	96
30801-70	74	70	8	96
30801-80	84	80	10	96
30801-90	94	90	10	48
30801-100	100	100	11	24

FUNNELS With long stem



Article No.	Top O.D. mm	Stem length mm	Stem O.D. mm
30803-55	55	150	6
30803-70	70	150	6
30803-80	80	150	6



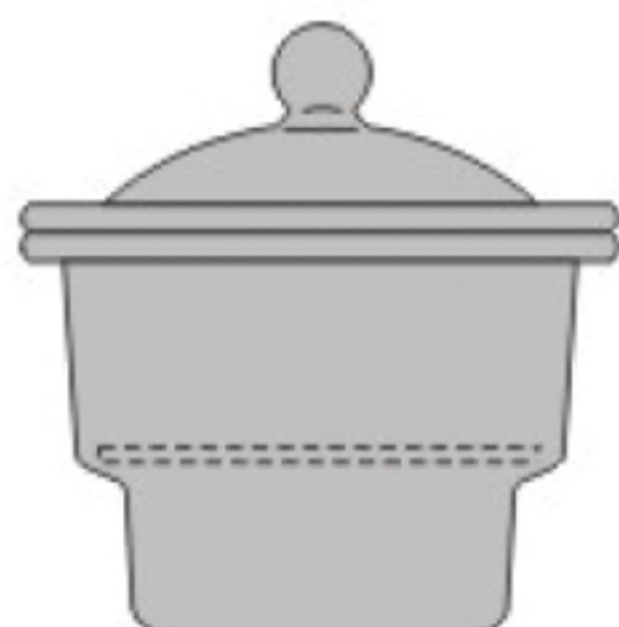
Glass Apparatus

DESICCATORS With porcelain plate



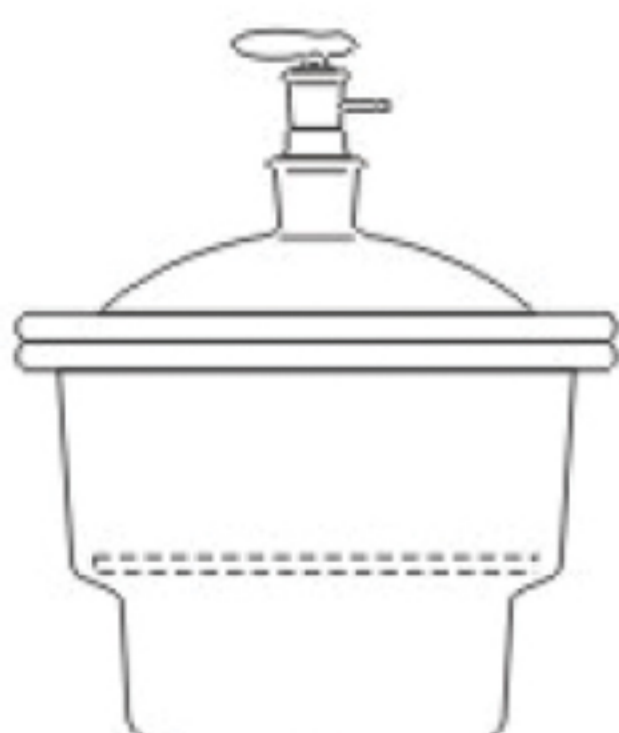
Article No.	Max. I.D. mm	Height mm	Plate O.D. mm	Case Qty pcs
30401 01-100	100	165	---	12
30401 01-150	150	220	135	4
30401 01-180	180	280	150	4
30401 01-210	210	320	185	2
30401 01-240	240	360	210	1
30401 01-300	300	450	275	1

DESICCATORS With porcelain plate brown



Article No.	Max. I.D. mm	Height mm	Plate O.D. mm	Case Qty pcs
30401 02-100	100	165	92	12
30401 02-150	150	220	135	4
30401 02-180	180	280	150	4
30401 02-210	210	320	185	2
30401 02-240	240	360	210	1
30401 02-300	300	450	275	1

VACUUM DESICCATORS With porcelain plate, with ground plate

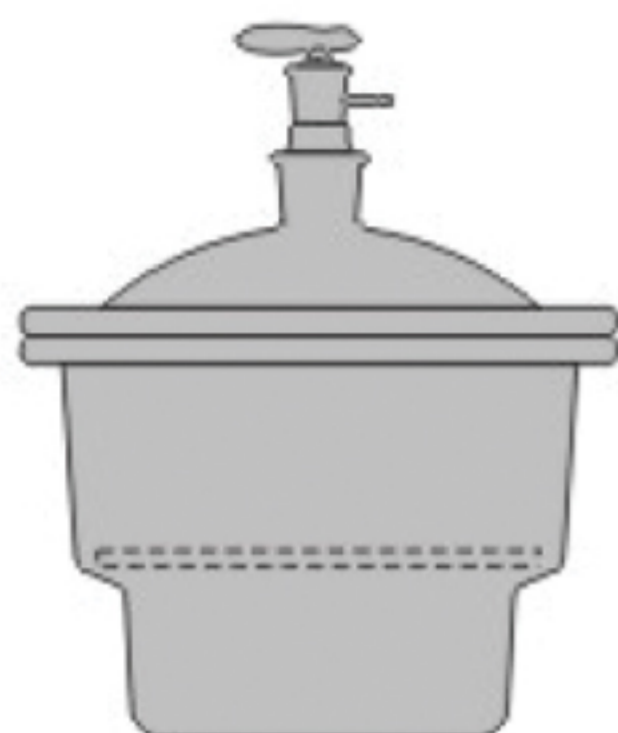


Article No.	Max. I.D. mm	Height mm	Plate O.D. mm	Case Qty pcs
30401 03-150	150	280	135	1
30401 03-180	180	350	150	1
30401 03-210	210	390	185	1
30401 03-240	240	440	210	1
30401 03-300	300	550	275	1



Glass Apparatus

VACUUM DESICCATORS With porcelain plate, with ground plate, brown



Article No.	Max. I.D. mm	Height mm	Plate O.D. mm	Case Qty pcs
30401 04-150	150	280	135	2
30401 04-180	180	350	150	2
30401 04-210	210	390	185	1
30401 04-240	240	440	210	1
30401 04-300	300	550	275	1

PETRI DISHES Borosilicate&Soda glass



Article No.	Size O.D. × H (mm)	Cover O.D.	Base O.D.	Case Qty pcs
80304-60	60×17	62	60	300
80304-75	75×17	77	75	180
80304-90	90×20	93	90	120
80304-100	100×22	103	100	120
80304-120	120×26	124	120	60
80304-150	150×32	154	150	48
80304-200	200×32	204	200	48

WATCH GLASS DISHES With fused edges



Article No.	O.D. mm
20208-40	40
20208-50	50
20208-60	60
20208-70	70
20208-80	80
20208-90	90
20208-100	100
20208-110	110
20208-120	120
20208-140	140
20208-150	150
20208-170	170
20208-180	180



Glass Apparatus



GLASS TUBING AND ROD

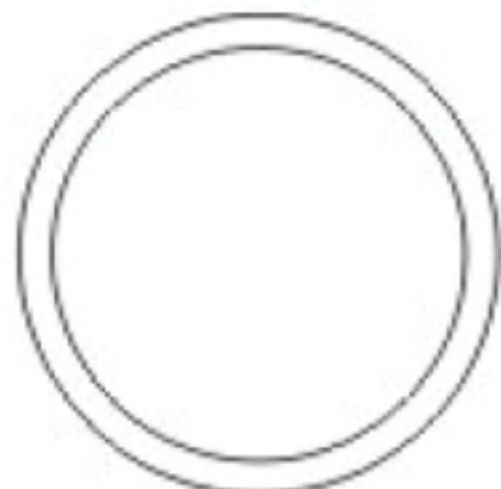
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Glass Apparatus

TUBING Length 1500mm, ISO 4803

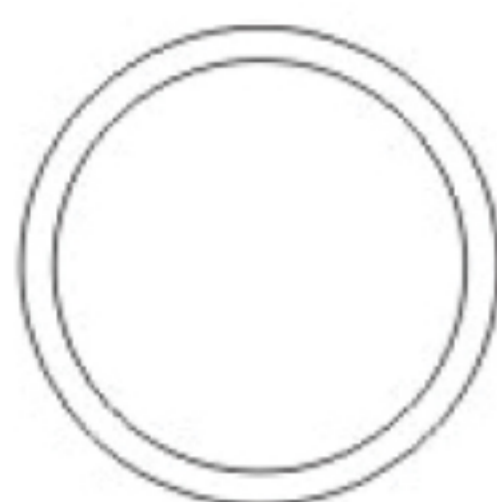


O.D. mm	Wall thickness mm	Approx. Weight per tube g
4±0.4	0.8±0.1	27
5±0.4	0.8±0.1	35
6±0.4	1.0±0.1	53
	1.5±0.2	71
7±0.4	1.0±0.1	63
	1.5±0.2	87
8±0.4	1.0±0.1	74
	1.5±0.2	102
9±0.4	1.0±0.1	84
	1.5±0.2	118
10±0.4	1.0±0.1	95
	1.5±0.2	134
	2.2±0.3	180
11±0.4	1.0±0.1	105
	1.5±0.2	150
	2.2±0.3	203
12±0.4	1.0±0.1	116
	1.5±0.2	165
	2.2±0.3	226
13±0.4	1.0±0.1	126
	1.5±0.2	181
	2.2±0.3	250
14±0.4	1.0±0.1	137
	1.5±0.2	197
	2.2±0.3	272
15±0.4	1.2±0.1	174
	1.8±0.2	249
	2.5±0.3	328
16±0.4	1.2±0.1	186
	1.8±0.2	268
	2.5±0.3	354
17±0.4	1.2±0.1	199
	1.8±0.2	287
	2.5±0.3	381
18±0.4	1.2±0.1	212
	1.8±0.2	306
	2.5±0.3	407
19±0.4	1.2±0.1	224
	1.8±0.2	325
	2.5±0.3	433
20±0.5	1.2±0.1	237
	1.8±0.2	344
	2.5±0.3	460
22±0.5	1.2±0.1	262
	1.8±0.2	382
	2.5±0.3	512
24±0.5	1.2±0.1	287
	1.8±0.2	420
	2.5±0.3	564
26±0.5	1.4±0.2	362
	2.0±0.2	504
	2.8±0.2	682



Glass Apparatus

TUBING Length 1500mm, ISO 4803

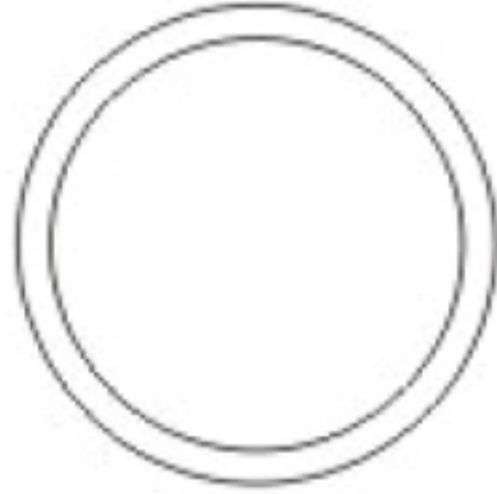


O.D. mm	Wall thickness mm	Approx. Weight per tube g
28±0.5	1.4±0.2	391
	2.0±0.2	546
	2.8±0.3	741
30±0.5	1.4±0.2	421
	2.0±0.2	588
	2.8±0.3	800
32±0.8	1.4±0.2	452
	2.0±0.2	630
	2.8±0.3	861
34±0.8	1.4±0.2	483
	2.0±0.2	672
	2.8±0.3	924
36±0.8	1.4±0.2	504
	2.0±0.2	714
	2.8±0.3	977
38±0.8	1.4±0.2	536
	2.0±0.2	756
	2.8±0.3	1040
40±1.0	1.6±0.2	641
	2.3±0.3	914
	3.2±0.4	1239
42±1.0	1.6±0.2	683
	2.3±0.3	956
	3.2±0.4	1302
44±1.0	1.6±0.2	714
	2.3±0.3	1008
	3.2±0.4	1376
46±1.0	1.6±0.2	746
	2.3±0.3	1061
	3.2±0.4	1439
48±1.0	1.6±0.2	777
	2.3±0.3	1102
	3.2±0.4	1502
50±1.0	1.8±0.2	912
	2.5±0.3	1247
	3.5±0.4	1709
52±1.0	1.8±0.2	949
	2.5±0.3	1299
	3.5±0.4	1782
54±1.0	1.8±0.2	987
	2.5±0.3	1352
	3.5±0.4	1856
56±1.0	1.8±0.2	1025
	2.5±0.3	1404
	3.5±0.4	1929
58±1.0	1.8±0.2	1063
	2.5±0.3	1457
	3.5±0.4	2003



Glass Apparatus

TUBING Length 1500mm, ISO 4803



O.D. mm	Wall thickness mm	Approx. Weight per tube g
60±1.5	2.2±0.3	1336
	3.2±0.4	1909
	4.2±0.5	2462
65±1.5	2.2±0.3	1452
	3.2±0.4	2077
	4.2±0.5	2682
70±1.5	2.2±0.3	1567
	3.2±0.4	2246
	4.2±0.5	2903
75±1.5	2.2±0.3	1682
	3.2±0.4	2413
	4.2±0.5	3123
80±1.8	2.5±0.3	2038
	3.5±0.4	2815
	5.0±0.6	3939
85±1.8	2.5±0.3	2164
	3.5±0.4	2993
	5.0±0.6	4201
90±1.8	2.5±0.3	2300
	3.5±0.4	3182
	5.0±0.6	4464
95±1.8	2.5±0.3	2426
	3.5±0.4	3361
	5.0±0.6	4726
100±1.8	2.5±0.3	2563
	3.5±0.4	3550
	5.0±0.6	4989
105±2.0	3.0±0.4	3214
	5.0±0.7	5252
	7.0±0.8	7205
110±2.0	3.0±0.5	3372
	5.0±0.7	5514
	7.0±0.8	7573
115±2.0	3.0±0.5	3529
	5.0±0.7	5777
	7.0±0.8	7940
120±2.0	3.0±0.5	3687
	5.0±0.7	6039
	7.0±0.8	8308



Glass Apparatus

GLASS ROD



O.D.
mm
4±0.4
5±0.4
6±0.4
7±0.4
8±0.4
9±0.4
10±0.4
11±0.4
12±0.4
14±0.6
16±0.6
18±0.8
20±0.8
22±1.0
24±1.0
26±1.2
28±1.5
30±1.5

