



Flasks, boiling, flat bottom, narrow neck

PYREX®

- Complies with ISO 1773
- Flat base for standing on benches and hotplates etc.
- Manufactured from Pyrex® glass for high resistance to thermal shock
- Excellent chemical durability for contamination-free performance
- With white enamel marking spot

Product Code	Capacity (ml)	Height mm	Body diam. mm	Neck I.D. mm	Pack qty.
1070/02M	50	100	50	18	10
1070/04D	100	110	64	18	10
1070/12D	250	140	85	30	10
1070/18D	500	170	105	30	10
1070/24D	1000	200	131	36	10
1070/28D	2000	250	166	45	10
1070/32D	4000	300	207	45	1
1070/36D	6000	340	237	57	1
1070/38D	10000	360	280	57	1
1070/40D	12000	465	300	57	1
1070/42D	20000	558	341	60	1



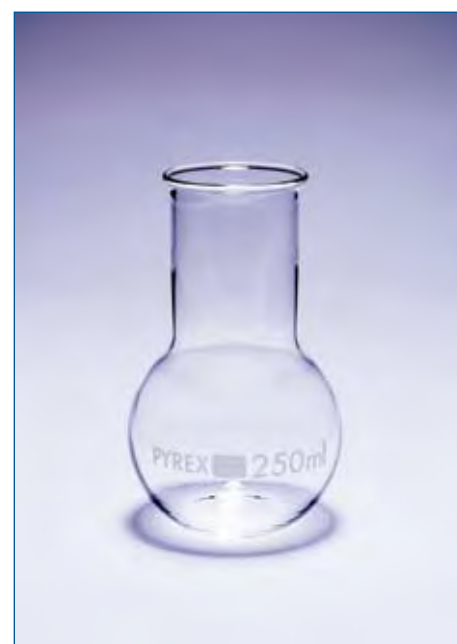
i 12000ml and 20000ml flasks are supplementary to the ISO range.

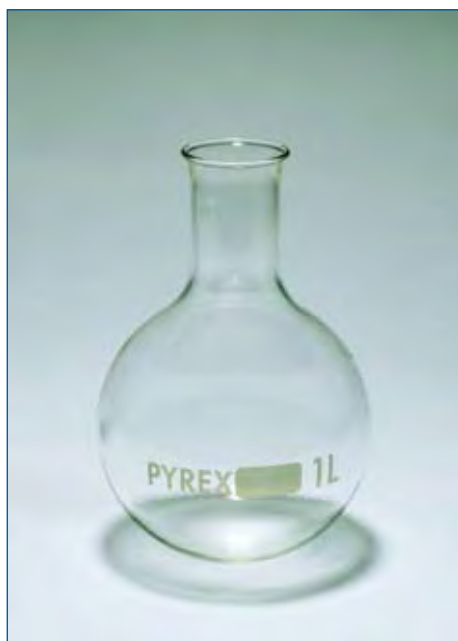
Flasks, boiling, flat bottom, wide neck

PYREX®

- Complies with ISO 24450
- With wide neck to facilitate easy addition of solid samples etc.
- Flat base for standing on benches and hotplates etc.
- Manufactured from Pyrex® glass for high resistance to thermal shock
- Excellent chemical durability for contamination-free performance

Product Code	Capacity (ml)	Height mm	Bulb diam. mm	Neck I.D. mm	Pack qty.
1080/02M	50	75	52	32	10
1080/04M	100	100	64	32	10
1080/08D	250	140	84	47	10
1080/10D	500	170	103	47	10
1080/12D	1000	200	131	47	10
1080/14D	2000	230	166	76	10





Flasks, boiling, round bottom, narrow neck

PYREX®

- Complies with ISO 1773
- Manufactured from Pyrex® borosilicate glass which offers excellent resistance to chemical corrosion and thermal shock

Product Code	Capacity (ml)	Height mm	Bulb diam. mm	Neck I.D. mm	Pack qty.
1100/02M	50	105	50	18	10
1100/04M	100	115	65	18	10
1100/12D	250	144	85	30	10
1100/18D	500	175	105	30	10
1100/24D	1000	200	131	36	10
1100/28D	2000	260	166	45	10
1100/32D	4000	315	207	45	1
1100/35D	6000	355	236	57	1
1100/36D	10000	420	279	57	1
1100/38D	20000	515	345	67	1

i 20000ml flask is supplementary to the ISO range.
For information on the safe heating of Pyrex® glassware, please see the care and maintenance of glassware section.



Flasks, boiling, round bottom, wide neck

PYREX®

- Complies with ISO 24450 and DIN 12353
- With wide neck to facilitate addition of solid samples etc.
- Pyrex® glass means highest resistance to chemical corrosion and thermal shock

Product Code	Capacity (ml)	Height mm	Bulb diam. mm	Neck I.D. mm	Pack qty.
1120/04M	100	100	65	30	10
1120/08D	250	145	85	46	10
1120/14D	500	168	105	46	10
1120/18D	1000	210	131	60	10
1120/22D	2000	260	165	70	10
1120/26D	4000	315	206	70	1
1120/29D	6000	355	236	80	1

i Sizes 1000ml and above have tooled rim for greater durability.



Flasks, conical, narrow neck

PYREX®

- Complies with ISO 1773 and DIN 12353
- Erlenmeyer pattern
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion

Product Code	Capacity (ml)	Body O.D. mm	Height mm	Neck I.D. mm	Pack qty.
1130/03	5	25	52	12	10
1130/05M	10	30	60	12	10
1130/11M	25	42	70	18	10
1130/02M	50	51	85	18	10
1130/06D	100	64	105	18	10
1130/10D	150	74	118	28	10
1130/12D	200	79	131	34	10
1130/14D	250	85	145	34	10
1130/16D	300	87	156	34	10
1130/20D	500	105	180	34	10
1130/26D	1000	131	220	42	10
1130/30D	2000	166	280	50	10
1130/32D	3000	187	310	52	2
1130/36D	5000	220	365	52	1



i 5, 10, 150, 200, 300 and 5000ml flasks are supplementary to the ISO range.

Flasks, conical, narrow neck, heavy duty

PYREX®

- Mechanically stronger than standard flasks
- Designed for longer life and increased user safety
- Reinforced rims to reduce chipping and breakage

Product Code	Capacity (ml)	Height mm	Body O.D. mm	Neck I.D. mm	B.S. stopper size	Pack qty.
4980-10	10	50	31	10	10	12
4980-25	25	65	41	13	13	12
4980-50	50	78	51	14	14	12
4980-125	125	114	67	23	23	12
4980-250	250	132	82	27	27	12
4980-500	500	176	101	31	31	6
4980-1L	1000	216	129	37	37	6
4980-2L	2000	268	160	43	43	1
4980-4L	4000	360	206	43	43	1
4980-6L	6000	410	235	43	43	1



If using Pyrex® conical flasks to prepare culture media or to heat viscous solutions, remember to stir the solution regularly to dissipate the heat. Failure to observe this procedure can result in thermal breakage.



Flasks, conical, wide neck

PYREX®

- Complies with ISO 24450
- Erlenmeyer pattern
- Manufactured from Pyrex® borosilicate glass
- Excellent thermal performance
- High resistance to chemical attack
- White enamel graduations and marking spot

Product Code	Capacity (ml)	Body O.D. mm	Height mm	Neck I.D. mm	Pack qty.
1140/02M	50	48	85	30	10
1140/04D	100	64	110	30	10
1140/08D	250	85	140	46	10
1140/10D	500	105	175	46	10
1140/14D	1000	131	220	46	10
1140/18D	2000	153	275	66	10

i 2000ml size is supplementary to ISO range.



Flasks, conical, wide neck, heavy duty

PYREX®

- Mechanically stronger than conventional Erlenmeyers
- Reinforced rims for extra strength and resistance to impact fracture
- Manufactured from high quality Pyrex® borosilicate glass
- White graduations and marking spot

Product Code	Capacity (ml)	Height mm	Body O.D. mm	Neck I.D. mm	B.S. stopper size	Pack qty.
5100-125	125	109	66	27	27	12
5100-250	250	134	81	33	33	12
5100-500	500	170	97	43	43	6
5100-1L	1000	219	122	48	48	6
5100-2L	2000	279	156	58	58	1





Flasks, conical, cylindrical

PYREX®

- Manufactured from Pyrex® borosilicate glass for the highest resistance to thermal shock and chemical corrosion
- Ideal for fermentation and culture work
- White enamel marking spot
- Autoclavable

Product Code	Capacity (ml)	Body O.D. mm	Neck O.D. mm	Height mm	Pack qty.
1190/02M	60	45	25	70	10
1190/04M	125	60	30	97	10
1190/06M	250	69	34	130	10
S/3L5895	500	90	35	154	5



Flasks, conical, baffled

PYREX®

- Ideal for use in preparation of cultures
- Manufactured from Pyrex® borosilicate glass
- Exhibits 4 baffle indents to provide optimal and consistent agitation

Product Code	Capacity (ml)	Body O.D. mm	Height mm	Neck I.D. mm	Pack qty.
1134/08	250	82	138	32	5
1134/10	500	101	186	36	5
1134/12	1000	129	222	43	2
1134/14	2000	161	282	49	1





NEW




Flasks, culture

PYREX®

- Ideal for use in preparation of cultures
- Compatible with shaker equipment
- Long, rimless tube neck for use with closures
- Manufactured from Pyrex® borosilicate glass with white enamel markings

Product Code	Capacity (ml)	Body O.D. mm	Height mm	Neck O.D. mm	Pack qty.
1135/14D	250	85	148	38	10
1135/20D	500	105	183	38	5
1135/26D	1000	131	229	38	2
1135/30D	2000	166	302	38	1

 Compatible with either Aluminium or polypropylene closures listed on page 133.

NEW



1138/10

Flasks, Fernbach, culture

PYREX®

- For use in preparation of cultures
- Large surface area to volume ratio
- Manufactured from Pyrex® borosilicate glass
- Exhibit 3 baffle indents to provide optimal and consistent agitation
- Available in two versions
 - Delong neck, for use with 4540/38P and 4550/38M caps
 - Screwcap, with Polypropylene GL45 thread cap

Product Code	Description	Capacity (ml)	Pack qty.
1138/10	Delong neck	2800	2
1139/10	Screwcap	2800	2

NEW



1139/10



Culture flask closures

- For use with 1135 culture flasks and 1138/10 Fernbach flasks
- Two types of cap
 - Anodised aluminium
 - 2-position polypropylene
- Both caps are suitable for autoclaving

Product Code	Description	Cap I.D. mm	Pack qty.
4550/38M	Aluminium	38	10
4540/38P	Polypropylene	38	10



Flasks, conical, screwcap

PYREX®

- Ideal for storage of culture specimens and media
- Phenolic screwcaps with PTFE faced sealing disc

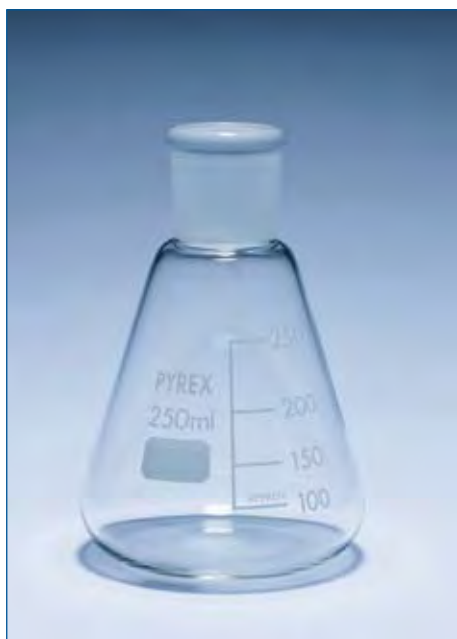
Product Code	Capacity (ml)	Body O.D. mm	Flask height mm	Cap size	Pack qty.
1137/11M	5	25	57	15	10
1137/12M	10	30	68	15	10
1137/13M	25	42	76	22	10
1137/02M	50	51	85	22	10
1137/03D	100	64	105	30	10
1137/06M	250	85	130	42	10
1137/08D	500	105	160	42	10
1137/10M	1000	131	210	42	1
1137/14M	2000	166	280	42	5
1137/18M	3000	187	315	42	5



If sterilising flasks by steam or dry heat, the screwcap must NOT be fully tightened. Slacken off first. Failure to follow this procedure can result in pressure build-up and possible fracture of the flask.



Spare caps can be found on page 253.



Flasks, conical, graduated with ground socket

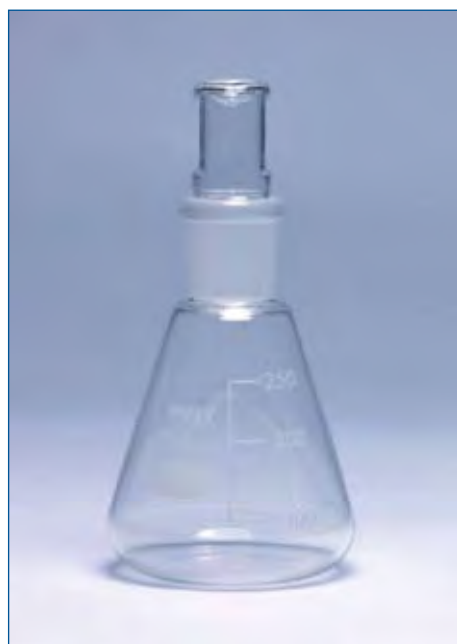
PYREX®

- Erlenmeyer flasks with high quality Quickfit® ground glass socket
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- White enamel graduations and marking spot

Product Code	Capacity (ml)	Socket size	Approx overall height mm	Approx diam. mm	Pack qty.
1132/02	50	19/26	85	51	10
1132/06	100	19/26	109	64	10
1132/14	250	24/29	128	85	10
1132/20	500	29/32	167	105	10
1132/26	1000	29/32	208	131	10



These conical flasks are NOT suitable for use under vacuum.



Flasks, conical, graduated, with stopper

PYREX®

- Erlenmeyer flasks with high quality Quickfit® ground glass socket
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- White enamel graduations and marking spot
- Supplied with hollow blown ground glass stopper

Product Code	Capacity (ml)	Socket size	Approx overall height mm	Approx diam. mm	Pack qty.
1133/02	50	19/26	85	51	10
1133/06	100	19/26	110	64	10
1133/14	250	24/29	130	85	10
1133/20	500	29/32	170	105	10
1133/26	1000	29/32	210	130	10



These flasks are NOT suitable for use under vacuum



Flasks, conical, with ground socket



- Complies to ISO 4797
- Conical flasks with highest quality Quickfit® ground glass socket
- Borosilicate glass for corrosion-free performance and high resistance to thermal shock

Product Code	Nom. capacity ml	Socket size	Approx overall height mm	Approx diam. mm	Pack qty.
FE5/1	5	14/23	54	25	5
FE10/1	10	14/23	60	34	5
FE25/0	25	10/19	64	40	5
FE25/1	25	14/23	70	42	5
FE25/2	25	19/26	70	42	5
FE50/1	50	14/23	85	51	5
FE50/2	50	19/26	85	51	5
FE50/3	50	24/29	90	51	5
FE100/1	100	14/23	100	64	5
FE100/2	100	19/26	100	64	5
FE100/3	100	24/29	100	64	5
FE100/4	100	29/32	100	64	5
FE150/2	150	19/26	118	74	5
FE150/3	150	24/29	118	74	5
FE150/4	150	29/32	116	74	5
FE250/2	250	19/26	130	85	5
FE250/3	250	24/29	130	85	5
FE250/4	250	29/32	130	85	5
FE250/5	250	34/35	130	85	5
FE500/2	500	19/26	175	101	5
FE500/3	500	24/29	175	101	5
FE500/4	500	29/32	175	101	5
FE500/5	500	34/35	175	101	5
FE1L/3	1000	24/29	220	130	2
FE1L/4	1000	29/32	220	130	2
FE1L/5	1000	34/35	220	130	2
FE2L/4	2000	29/32	270	160	1
FE2L/5	2000	34/35	270	160	1



For Quickfit® glass stoppers please see page 247.
Flasks FE5, FE25/0 and FE150 are supplementary to ISO standard.



Flasks, conical, vacuum



- With heavy walls and bases
- Suitable for use under vacuum

Product Code	Capacity (ml)	Socket size	Approx height (mm)	Approx diam. mm	Pack qty.
FEH250/3	250	24/29	139	90	1



Always take safety precautions when using flasks under vacuum.

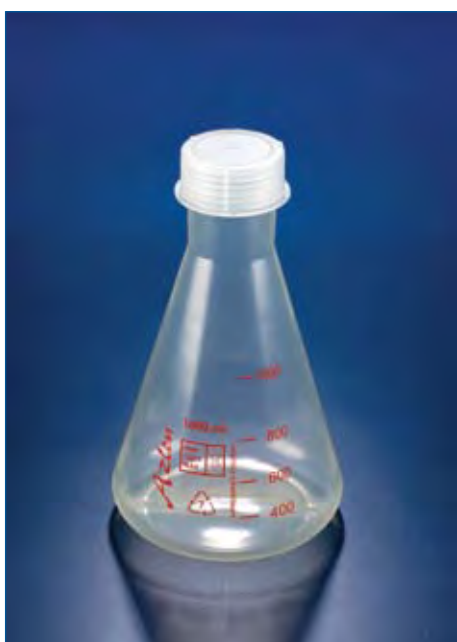


Flask, conical, polypropylene



- Polypropylene erlenmeyer flask with excellent chemical resistance
- Wide neck with PP screw cap
- Flask and cap can be autoclaved at 121°C

Product Code	Capacity (ml)	Grads. ml	Thread size	Neck size	Pack qty.
FDE542	50	10	GL40	34/35	1
FDE544	100	20	GL40	34/35	1
FDE546	250	50	GL52	45/40	1
FDE548	500	100	GL52	45/40	1
FDE550	1000	200	GL52	45/40	1



Flask, conical, PMP



- Manufactured from transparent PMP
- Wide neck with PP screw cap
- Flask and cap can be autoclaved at 121°C

Product Code	Capacity (ml)	Grads. ml	Thread size	Neck size	Pack qty.
FDE442	50	10	GL40	34/35	1
FDE444	100	20	GL40	34/35	1
FDE446	250	50	GL52	45/40	1
FDE448	500	100	GL52	45/40	1
FDE450	1000	200	GL52	45/40	1



Flasks, distillation, ASTM

PYREX®

- Complies with ASTM E133
- For the distillation of petroleum products
- Side arm inclined at 75° to the vertical axis
- For use with thermometers calibrated for 76mm immersion
- Length of side-arm is 100mm

Product Code	Capacity (ml)	Bulb diam. mm	Neck I.D. mm	Sidearm O.D. mm	Height mm	Pack qty.
1290/04M	125	69	17	7	214	5
1290/06M	250	86	15	6	215	5

i 125ml flask also complies with IP 123.

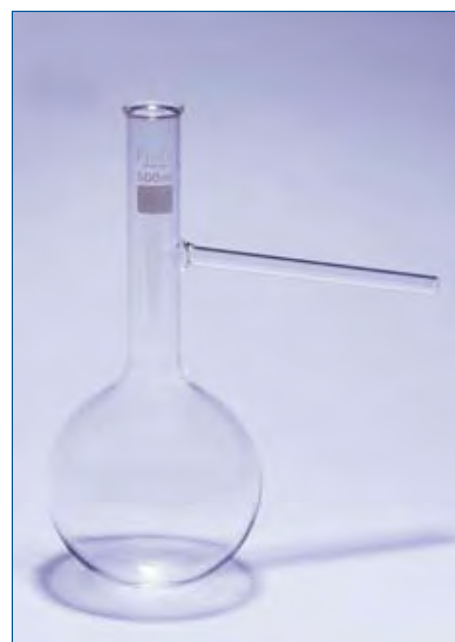


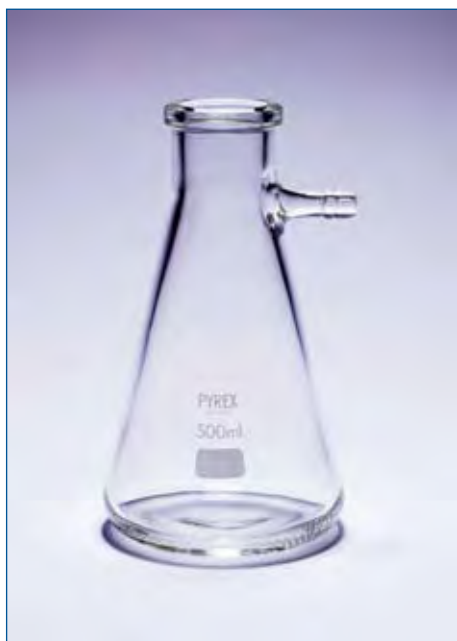
Flasks, distillation

PYREX®

- For general distillation work
- Side-arm is inclined at 75° to the vertical axis
- For use with thermometers calibrated for 76mm immersion
- Side-arm length is 140mm

Product Code	Capacity (ml)	Bulb diam. mm	Neck I.D. mm	Sidearm O.D. mm	Height mm	Pack qty.
1280/14M	500	105	24	10	240	5



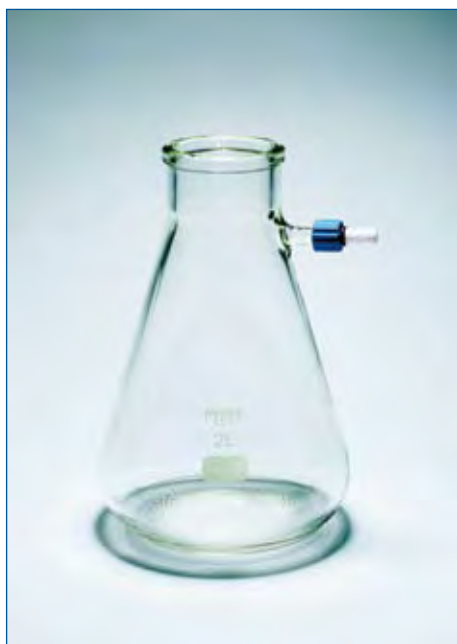


Flasks, Büchner, plain side-arm

PYREX®

- Büchner type flasks for vacuum filtration
- Heavy walls provide increased mechanical strength
- 'Studded' base to minimise surface abrasion
- With integral glass side-arm to accept 9mm bore flexible tubing

Product Code	Nom. capacity ml	Body diam. mm	Neck I.D. mm	Height mm	Pack qty.
1170/02M	100	64	24	105	10
1170/04M	250	85	35	155	10
1170/06M	500	105	35	185	10
1170/08M	1000	135	45	230	5
1170/10D	2000	166	60	260	1
1170/12M	3000	187	68	335	5
1170/14D	5000	220	68	385	1



Flasks, Büchner, with screwthread connector

PYREX®

- Complies with ISO 6556
- Büchner flasks with heavy wall construction for vacuum filtration applications
- Side-arm features a PTFE screwthread connector for easy and safe fitting of 9mm bore vacuum tubing
- With tooled neck to accept a drilled rubber stopper

Product Code	Capacity (ml)	Body diam. mm	Neck I.D. mm	Height mm	Pack qty.
1170/02SC	100	64	24	105	10
1170/04SC	250	85	35	155	10
1170/06SC	500	105	35	185	10
1170/08SC	1000	135	45	230	5
1170/10SC	2000	166	60	260	1
1170/14SC	5000	220	68	385	1



5000ml size is supplementary to ISO range.
For spare PTFE screwthread connectors, please see page 96.



Flasks, Büchner, plain side-arm and ground socket



- Büchner filter flasks with precision-ground Quickfit® socket
- With traditional plain glass side-arm to accept 9mm bore vacuum tubing
- Heavy-wall and base construction for vacuum work

Product Code	Nom. capacity ml	Socket size	Approx height (mm)	Approx diam. mm	Pack qty.
FB100/2	100	19/26	107	64	2
FB100/3	100	24/29	107	64	2
FB250/3	250	24/29	145	85	2
FB250/4	250	29/32	145	85	2
FB500/3	500	24/29	172	105	2
FB500/4	500	29/32	172	105	2
FB1L/3	1000	24/29	227	136	2
FB1L/4	1000	29/32	227	136	2



Flasks, Büchner, with screwthread connector and ground socket



- Büchner flasks with precision-ground Quickfit® socket
- Side-arm features a PTFE screwthread connector for the safe attachment of 9mm bore vacuum tubing
 - Unscrew connector from flask and fit tubing:
 - Rescrew connector and tubing to flask
- Heavy walls and bases for vacuum filtration work

Product Code	Nom. capacity ml	Socket size	Approx height (mm)	Approx diam. mm	Pack qty.
FB100/2SC	100	19/26	107	64	2
FB100/3SC	100	24/29	107	64	2
FB250/3SC	250	24/29	145	85	2
FB250/4SC	250	29/32	145	85	2
FB500/3SC	500	24/29	172	105	2
FB500/4SC	500	29/32	172	105	2
FB1L/3SC	1000	24/29	227	136	2
FB1L/4SC	1000	29/32	227	136	2





Flasks, Iodine



- Complies with BS 2735
- For the determination of iodine
- Flask has ground socket and cup shaped top
- Stopper has extended handle which projects well above the liquid seal

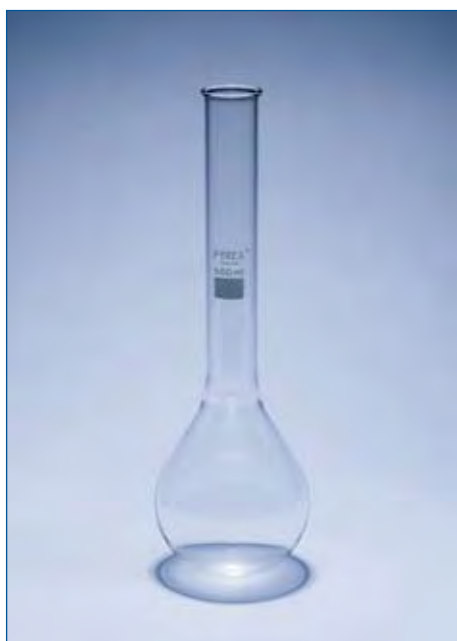
Product Code	Nom. capacity ml	Joint size	Min. cup capacity ml	Pack qty.
FIB250/3	250	24/29	20	2
FIB250/4	250	29/32	20	2
FIB500/3	500	24/29	20	2
FIB500/4	500	29/32	20	2



FIB/4 items are supplementary to BS 2735.

Flasks, Iodine stopper

Product Code	Joint size	Pack qty.
SIB24	24/29	2
SIB29	29/32	2



Flasks, Kjeldahl with plain neck

PYREX®

- Suitable for the determination of nitrogen etc.
- Manufactured from Pyrex® borosilicate glass
 - Withstands high temperatures
 - Resistant to chemical corrosion

Product Code	Capacity (ml)	Bulb diam. mm	Height mm	Neck O.D. mm	Neck I.D. mm	Pack qty.
1200/04M	100	58	240	22	17	10
1200/10D	300	81	300	28	24	10
1200/12D	500	101	325	34	30	10
1200/16M	800	115	350	34	30	10



The Kjeldahl method subjects flasks to severe chemical and thermal abuse. See care and maintenance of laboratory glassware for advice on safety and usage.

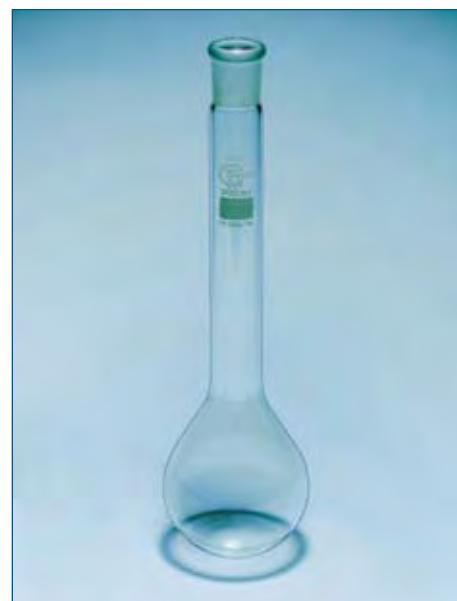


Flasks, Kjeldahl with ground socket



- For the determination of nitrogen by the Kjeldahl method
- Extra long necks act as air condensers during digestion stage and reduce entrainment during distillation stage

Product Code	Nom. capacity ml	Approx overall height mm	Socket size	Pack qty.
FK300/3L	300	295	24/29	1
FK500/3L	500	305	24/29	1
FK800/3L	800	325	24/29	1



A Quickfit® assembly for Kjeldahl digestions and distillations is described on page 205.



The Kjeldahl method of nitrogen determination imposes severe demands on glassware.

LIPSOL® LABWARE DETERGENT

- Excellent cleaning performance - ideal for use with laboratory glassware and plasticware
- Great value for money
- Totally biodegradable

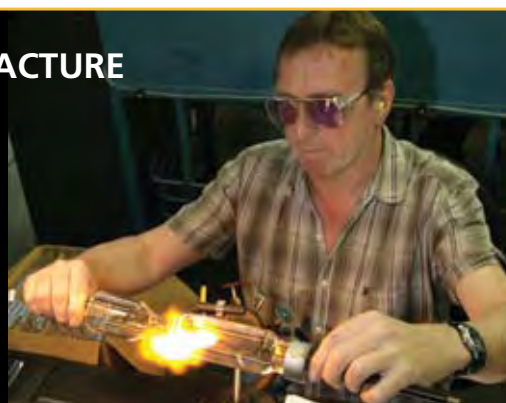
For full details see page 89



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Flasks, flat bottom, short neck



- Complies with ISO 4797
- With highest quality Quickfit® ground glass socket
- Borosilicate glass for highest resistance to thermal shock and chemical corrosion
- Flat base allows use with hotplates

Product Code	Nom. capacity ml	Socket size	Approx overall height mm	Approx neck length mm	Pack qty.
FF50/2S	50	19/26	85	10	5
FF50/3S	50	24/29	85	10	5
FF100/2S	100	19/26	95	10	5
FF100/3S	100	24/29	103	15	5
FF100/4S	100	29/32	103	15	5
FF100/5S	100	34/35	103	15	5
FF150/2S	150	19/26	105	10	5
FF150/3S	150	24/29	110	15	5
FF150/4S	150	29/32	110	10	5
FF150/5S	150	34/35	115	10	5
FF250/2S	250	19/26	130	10	5
FF250/3S	250	24/29	130	10	5
FF250/4S	250	29/32	130	10	5
FF250/5S	250	34/35	130	10	5
FF500/2S	500	19/26	135	15	5
FF500/3S	500	24/29	140	15	5
FF500/4S	500	29/32	145	15	5
FF500/5S	500	34/35	155	20	5
FF1L/3US	1000	24/29	170	25	2
FF1L/4S	1000	29/32	187	20	2
FF1L/5S	1000	34/35	175	20	2
FF2L/3S	2000	24/29	205	25	1
FF2L/4S	2000	29/32	230	25	1
FF2L/5S	2000	34/35	215	20	1
FF4L/7S	4000	45/40	260	20	1



*These flat bottom flasks are NOT suitable for use under vacuum.
FF150/3S, FF150/4S, FF150/5S and FF500/2S are supplementary to ISO 4797.*



Flasks, flat bottom, medium neck



- With longer neck than standard Quickfit® flasks
- Useful in reducing the problems associated with splashing and frothing

Product Code	Capacity (ml)	Socket size	Approx overall height mm	Approx neck length mm	Pack qty.
FF100/3M	100	24/29	130	45	2
FF150/3M	150	24/29	140	45	2
FF250/3M	250	24/29	150	45	2
FF500/3UM	500	24/29	170	45	2
FF1L/3M	1000	24/29	190	45	2



These flat bottom flasks are NOT suitable for use under vacuum.



Flasks, Florentine



- Ideal for use with rotary evaporators
- Large surface area for rapid evaporation
- Robust heavy wall construction for added strength
- Shape allows easy removal of solid residues

Product Code	Nom. capacity ml	Socket size	Approx overall height mm	Pack qty.
FD50/4RE	50	29/32	94	2
FD100/3	100	24/29	108	1
FD100/4RE	100	29/32	107	1
FD250/3	250	24/29	148	1
FD250/4RE	250	29/32	151	1
FD500/3	500	24/29	165	1
FD500/4RE	500	29/32	160	1
FD1L/3	1000	24/29	204	1
FD1L/4RE	1000	29/32	198	1
FD2L/4RE	2000	29/32	245	1



Most Rotary Evaporators accept flasks with size 29/32 ground glass sockets - check first.





Flasks, pear shaped, single neck



- With highest quality Quickfit® ground glass socket
- Ideal for semi-micro distillations
- Pear shaped design allows distillation down to small bulk:
 - Minimum hold-up
 - Reduced losses from thermal decomposition
- Borosilicate glass for chemical resistance and thermal performance

Product Code	Capacity (ml)	Socket size	Approx overall height mm	Approx diam. mm	Pack qty.
FP5/1	5	14/23	67	23	1
FP10/1	10	14/23	85	28	1
FP25/0	25	10/19	89	38	1
FP25/1	25	14/23	100	38	1
FP50/1	50	14/23	115	48	1
FP50/2	50	19/26	125	48	1
FP100/1	100	14/23	135	58	1
FP100/2	100	19/26	140	58	1
FP100/3	100	24/29	150	58	1



For advice on the use of glassware under conditions of temperature and vacuum, please refer to the care and maintenance section.



Flask, pear shaped, two necks



- With one vertical centre neck and one angled side neck

Product Code	Capacity (ml)	Centre socket	Side socket	Approx overall height mm	Pack qty.
FP50/1/1A	50	14/23	14/23	115	1



The axis of the side neck meets the axis of the central neck at the bottom of the flask.



Flasks, pear shaped, three necks



- With vertical centre neck
- One vertical side neck and one angled side neck

Product Code	Nom. capacity ml	Centre socket	Side socket	Approx overall height mm	Pack qty.
FP25/0AP	25	10/19	10/19	112	1



Flasks, pear shaped, distillation



- Designed for micro and semi-micro distillations
- Vertical neck with Quickfit® socket for introducing a thermometer etc.
- Angled Quickfit® cone for connecting to condenser

Product Code	Capacity (ml)	Socket size	Cone size	Approx overall height mm	Pack qty.
MD2/50	50	14/23	14/23	147	1

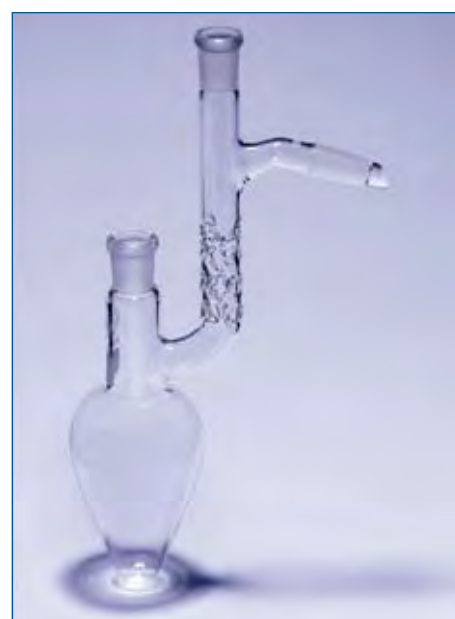


Flasks, pear shaped, Claisen-Vigreux



- Incorporates a short, Vigreux type fractionating column
- Column indents aid intimate contact between vapour and liquid

Product Code	Capacity (ml)	Socket size	Cone size	Pack qty.
MD4/50	50	14/23	14/23	1
MD4/100	100	14/23	14/23	1





Flasks, round bottom, short neck



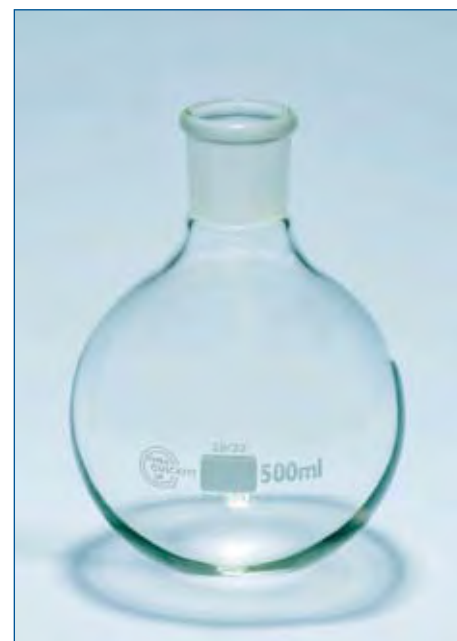
- With highest quality Quickfit® ground glass socket
- Manufactured from borosilicate glass for corrosion-free performance and resistance to thermal shock
- Comprehensive range of 46 flasks from 5ml to 10000ml
- Body diameter and wall thickness comply with relevant ISO 1773 and ISO 4797 requirements


Product Code	Capacity (ml)	Socket size	Approx overall height mm	Approx neck length mm	Pack qty.
FR5/0S*	5	10/19	50	5	5
FR5/1S*	5	14/23	65	15	5
FR10/0S*	10	10/19	65	15	5
FR10/1S	10	14/23	70	15	5
FR25/1S	25	14/23	85	10	5
FR25/2S*	25	19/26	80	15	5
FR25/3S*	25	24/29	80	15	5
FR50/1S	50	14/23	90	15	5
FR50/2S	50	19/26	90	15	5
FR50/3S	50	24/29	90	15	5
FR50/5S	50	34/35	90	15	5
FR100/1S	100	14/23	105	15	5
FR100/2S	100	19/26	105	15	5
FR100/3S	100	24/29	105	15	5
FR100/4S	100	29/32	105	15	5
FR100/5S	100	34/35	105	10	5
FR150/2S*	150	19/26	114	10	5
FR150/3S*	150	24/29	115	15	5
FR150/4S*	150	29/32	120	15	5
FR150/5S*	150	34/35	118	10	5
FR250/1S*	250	14/23	126	15	2
FR250/2S	250	19/26	140	15	5
FR250/3S	250	24/29	140	15	5
FR250/4S	250	29/32	140	15	5
FR250/5S	250	34/35	140	15	5



Flasks, round bottom, short neck (continued)

Product Code	Capacity (ml)	Socket size	Approx overall height mm	Approx neck length mm	Pack qty.
FR500/2S	500	19/26	147	15	5
FR500/3S	500	24/29	163	15	5
FR500/4S	500	29/32	163	15	5
FR500/5S	500	34/35	163	25	5
FR1L/2S	1000	19/26	177	15	2
FR1L/3S	1000	24/29	180	15	2
FR1L/4S	1000	29/32	183	10	2
FR1L/5S	1000	34/35	196	20	2
FR1L/7S	1000	45/40	201	25	1
FR2L/3US	2000	24/29	205	10	1
FR2L/3S	2000	24/29	240	20	1
FR2L/4S	2000	29/32	240	15	1
FR2L/5S	2000	34/35	228	20	1
FR3L/3S*	3000	24/29	236	15	1
FR3L/5S*	3000	34/35	249	20	1
FR4L/7S	4000	45/40	290	20	1
FR5L/4S	5000	29/32	270	15	1
FR5L/5US	5000	34/35	280	20	1
FR5L/8S*	5000	50/42	289	20	1
FR6L/7S	6000	45/40	300	20	1
FR10L/5S	10000	34/35	350	20	1



 * supplementary to the ISO 4797 range.

Flask stand, polypropylene



- Suitable for most round bottomed flasks
- Has stepped concentric rings to help stabilise flask
- Autoclavable up to 121°C
- Has good chemical resistance

Product Code	Top I.D. mm	Pack qty.
TWR038	145	1





Flasks, round bottom, medium neck



- With a longer neck than standard Quickfit® flasks
- Useful for reducing problems associated with frothing and splashing

Product Code	Nom. capacity ml	Socket size	Approx overall height mm	Approx neck length mm	Pack qty.
FR50/3M	50	24/29	130	45	5
FR100/3M	100	24/29	145	45	2
FR150/3M	150	24/29	150	45	2
FR250/3M	250	24/29	165	45	2
FR500/3M	500	24/29	180	45	2
FR500/3U	500	24/29	205	70	1
FR1L/3UM	1000	24/29	205	40	2



Flasks, round bottom, two necks



- Fitted with two Quickfit® ground glass sockets
 - One vertical centre neck
 - One angled side neck
- Side neck useful for introducing gas inlet tubes and thermometers etc into the flask
- Manufactured from borosilicate glass for highest resistance to thermal shock and chemical attack

Product Code	Capacity (ml)	Centre socket	Side socket	Approx overall height mm	Pack qty.
FR25/1S/1A	25	14/23	14/23	77	1
FR50/1S/1A	50	14/23	14/23	89	1
FR100/3S/1A	100	24/29	14/23	110	1
FR100/3S/2A	100	24/29	19/26	110	1
FR250/3S/1A	250	24/29	14/23	130	1
FR250/3S/2A	250	24/29	19/26	130	1
FR500/3S/1A	500	24/29	14/23	150	1
FR500/3S/2A	500	24/29	19/26	150	1
FR1L/3S/1A	1000	24/29	14/23	180	1
FR1L/3S/2A	1000	24/29	19/26	180	1
FR2L/5S/2A	2000	34/35	19/26	225	1



The axis of the side neck meets the axis of the centre neck at the bottom of the flask.



Flasks, small capacity, with septum side neck



- Designed for semi-micro and micro scale preparations
- One vertical centre neck having precision-ground Quickfit® socket to accept Quickfit® cone
- One angled side neck designed to take a rubber septum seal to allow small quantities of liquid to be handled easily and safely using a syringe

Product Code	Capacity (ml)	Centre socket	Side socket	Approx overall height mm	Pack qty.
FR10/1S/SEP	10	14/23	Septum	60	1
FR25/1S/SEP	25	14/23	Septum	77	1

i Septum side necks have an O.D. of 19mm and an I.D. of 15.4mm to accept a 16mm septum.



Flasks, round bottom, three necks



- Fitted with three Quickfit® precision-ground sockets
 - One vertical centre neck
 - Two angled side necks
- Quickfit® ground glass sockets are manufactured to an accuracy which surpasses the requirements of ISO 383

Product Code	Nom. capacity ml	Centre socket	Side sockets	Approx overall height mm	Pack qty.
FR25/1S/11A	25	14/23	14/23	77	1
FR25/2S/11A	25	19/26	14/23	80	1
FR50/1S/11A	50	14/23	14/23	89	1
FR50/2S/11A	50	19/26	14/23	92	1
FR50/2S/22A	50	19/26	19/26	92	1
FR100/2S/11A	100	19/26	14/23	108	1
FR100/3S/11A	100	24/29	14/23	110	1
FR100/3S/22A	100	24/29	19/26	110	1
FR250/2S/22A	250	19/26	19/26	128	1
FR250/3S/11A	250	24/29	14/23	130	1
FR250/3S/22A	250	24/29	19/26	130	1
FR250/4S/11A	250	29/32	14/23	135	1
FR250/4S/22A	250	29/32	19/26	135	1
FR500/3S/11A	500	24/29	14/23	150	1
FR500/3S/22A	500	24/29	19/26	150	1
FR500/4S/22A	500	29/32	19/26	153	1
FR1L/3S/22A	1000	24/29	19/26	180	1
FR1L/4S/22A	1000	29/32	19/26	183	1
FR1L/4S/44A	1000	29/32	29/32	183	1
FR1L/5S/22A	1000	34/35	19/26	195	1
FR2L/3US/22A	2000	24/29	19/26	205	1
FR2L/5S/22A	2000	34/35	19/26	228	1
FR3L/5S/22A	3000	34/35	19/26	249	1



i The axes of the side necks meet the axis of the central neck at the bottom of the flask.



Flasks, round bottom, three vertical necks



- With one vertical centre neck and two vertical side necks

Product Code	Capacity (ml)	Centre socket	Side sockets	Approx overall height mm	Pack qty.
FR250/3S/22P	250	24/29	19/26	130	1
FR250/4S/11P	250	29/32	14/23	135	1
FR500/3S/22P	500	24/29	19/26	150	1
FR500/4S/22P	500	29/32	19/26	153	1
FR1L/3S/22P	1000	24/29	19/26	180	1
FR1L/4S/22P	1000	29/32	19/26	185	1
FR1L/5S/22P	1000	34/35	19/26	195	1
FR1L/5S/33P	1000	34/35	24/29	195	1
FR2L/3US/22P	2000	24/29	19/26	210	1
FR2L/4S/22P	2000	29/32	19/26	220	1
FR2L/4S/44P	2000	29/32	29/32	218	1
FR2L/5S/22P	2000	34/35	19/26	228	1
FR2L/5S/33P	2000	34/35	24/29	228	1
FR2L/7S/44P	2000	45/40	29/32	233	1
FR3L/5S/22P	3000	34/35	19/26	249	1
FR3L/5S/33P	3000	34/35	24/29	249	1
FR4L/7S/44P	4000	45/40	29/32	270	1
FR5L/5US/33P	5000	34/35	24/29	275	1
FR6L/7S/44P	6000	45/40	29/32	300	1



Flasks, Roux culture, off-set neck



- Ideal for cell culture
- Manufactured from chemically inert Pyrex® glass for a contamination-free environment
- Withstands repeated autoclaving
- Off-set neck

Product Code	Capacity (ml)	Base x height mm	Neck I.D. mm	Length (mm)	Pack qty.
1350/04M	600	107 x 47	28	230	10
1350/06M	1200	123 x 56	33	275	10



Flasks, reaction, wide neck, flat flange



- With large diameter Quickfit® flat-flange joint
- For use with Quickfit® flat-flange lids and retaining clips
- Wide neck allows easy incorporation of stirrer paddles and easy removal of solid residues

Product Code	Item code: clip to fit	Nom. capacity ml	Flange bore mm	Flask shape	Approx overall height mm	Pack qty.
FR250F	JC75F	250	75	Spherical	90	1
FR500F	JC75F	500	75	Spherical	115	1
FR700F	JC100F	700	100	Cylindrical	135	1
FR1LF	JC100F	1000	100	Spherical	155	1
FR2LF	JC100F	2000	100	Spherical	185	1
FR3LF	JC100F	3000	100	Spherical	210	1
FR4LF	JC100F	4000	100	Spherical	225	1
FR5LF	JC100F	5000	100	Spherical	245	1
FR6LF	JC100F	6000	100	Spherical	260	1
FR10LF	JC100F	10000	100	Spherical	320	1
FR20LF	JC100F	20000	100	Spherical	380	1



The cylindrical shaped 700ml flask fits a 500ml heating mantle.
See pages 152 for a comprehensive range of flat flange lids and retaining clips.

Flasks, reaction, jacketed



- With outer jacket for circulation of water or oil etc
- Ideal for temperature controlled reactions
- For use with Quickfit® flat-flange lids and retaining clips

Product Code	Nom. capacity ml	Flange bore mm	Overall height mm	External diam. mm	Sidearm O.D. mm	Pack qty.
JRV1L	1000	100	228	140.0	12	1
JRV2L	2000	100	312	165.0	12	1



When circulating hot water or oil through the jacket, take care to avoid thermal shock.
Raise the temperature gradually and do not exceed 300°C.





Culture vessels



- Ideal for fermentation and culture work
- Manufactured from temperature resistant borosilicate glass
- Autoclavable
- With precision-ground flat-flange joint
- For use with Quickfit® flat-flange lids and retaining clips

Product Code	Capacity (ml)	Flange bore mm	Approx overall height mm	Approx diam. of body (mm)	Pack qty.
FV500	500	75	130	80	1
FV1L	1000	100	160	105	1
FV2L	2000	100	225	133	1
FV5L	5000	100	290	181	1
FV10L	10000	100	375	227	1
FV20L	20000	100	465	288	1



Culture vessels with flat bases are not suitable for use under vacuum.

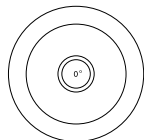


Lids for wide neck flasks

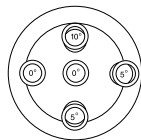


- With precision ground flat-flange joints
- Fits Quickfit® wide neck reaction flasks and culture vessels
- Each lid with one or more sockets to accept other Quickfit® components

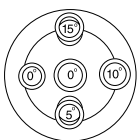
Product Code	Flange bore mm	Vertical centre socket	Side socket (0°)	Side socket (5°)	Side socket (10°)	Side socket (15°)	Pack qty.
MAF1/75	75	19/26	14/23	19/26	19/26	19/26	1
DA5/75	75	34/35	-	-	-	-	1
MAF2/2	100	19/26	19/26	2 x 19/26	19/26	-	1
MAF2/32	100	19/26	19/26	24/29	19/26	-	1
MAF2/41	100	19/26	14/23	14/23	14/23	29/32	1
MAF2/52	100	19/26	19/26	19/26	19/26	34/35	1
MAF3/52	100	24/29	19/26	19/26	19/26	34/35	1
DA4/100	100	29/32	-	-	-	-	1
MAF4/41	100	29/32	14/23	14/23	14/23	29/32	1
DA5/100	100	34/35	-	-	-	-	1
MAF5/2	100	34/35	19/26	-	2 x 19/26	-	1



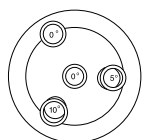
DA4/100
DA5/75
DA5/100



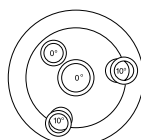
MAF2/2



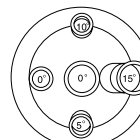
MAF1/75



MAF2/32



MAF5/2



MAF2/41
MAF2/52
MA3/25
MAF4/41



Lids should be secured to flasks with relevant metal clips, JC75F or JC100F as detailed overleaf.



Retaining clips for wide neck flask lids



- For securing flat flange lids to wide neck reaction flasks and culture vessels
- Stainless steel construction

Product Code	Flange bore mm	Pack qty.
JC75F	75	1
JC100F	100	1



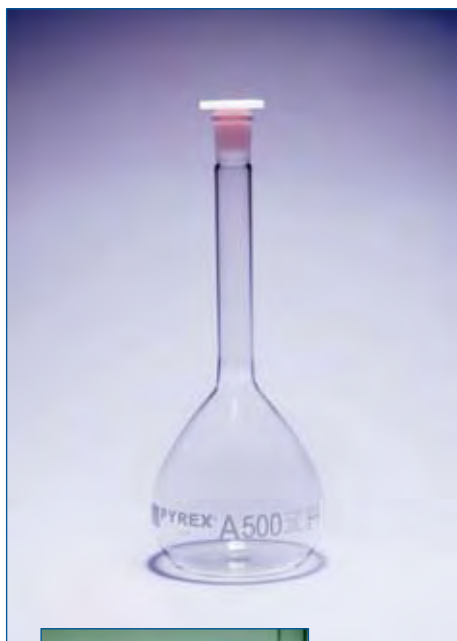
PTFE Seals



- For use with Quickfit® flat flange jointed glassware
- Manufactured from PTFE for excellent chemical resistance
- Forms tight seal with flat flange joints

Product Code	Flange bore mm	Thickness (mm)	Pack qty.
PS75	75	0.5	1
PS100	100	0.5	1





Flasks, volumetric, class A, works certified, DIN/ISO/USP tolerances

PYREX®

- Complies with ISO 1042 and DIN 12664
- Calibrated to the tolerances required by the United States Pharmacopoeia (USP) which are tighter than those of ISO/DIN standards
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards
- Conformity 'H' certified
- Manufactured from borosilicate glass for corrosion-free performance
- White enamel inscriptions
- Polyethylene stopper

Product Code	Capacity (ml)	Tol. +/- ml	Approx height (mm)	Stopper size	Pack qty.
3151/01WC	1	0.020	65	7/16	5
3151/02WC	2	0.020	65	7/16	5
3151/04WC	5	0.020	70	10/19	5
3151/06WC	10	0.020	90	10/19	5
3151/08WC	20	0.03	110	10/19	5
3151/10WC	25	0.03	110	10/19	5
3151/12WC	50	0.05	140	12/21	5
3151/14WC	100	0.08	170	14/23	5
3151/16WC	200	0.10	210	14/23	5
3151/18WC	250	0.12	220	14/23	2
3151/20WC	500	0.20	260	19/26	2
3151/22WC	1000	0.30	300	24/29	2
3151/24WC	2000	0.50	370	29/32	1
3151/26WC	5000	1.00	574	34/35	1

i 20ml and 5000ml sizes are supplementary to DIN range.



Flasks, volumetric, class A, amber, works certified, DIN/ISO/USP tolerances

PYREX®

- Complies with ISO 1042 and DIN 12664
- Calibrated to the tolerances required by the United States Pharmacopoeia (USP) which are tighter than those of ISO/DIN standards
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards
- Manufactured from borosilicate glass with an amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Conformity 'H' certified
- Polyethylene stopper
- White enamel inscriptions

Product Code	Capacity (ml)	Tol. +/- ml	Approx height (mm)	Stopper size	Pack qty.
3152/04AWC	5	0.020	70	10/19	5
3152/06AWC	10	0.020	90	10/19	5
3152/08AWC	25	0.03	110	10/19	5
3152/10AWC	50	0.05	140	12/21	5
3152/12AWC	100	0.08	170	14/23	5
3152/14AWC	200	0.10	210	14/23	5
3152/16AWC	250	0.12	220	14/23	2
3152/18AWC	500	0.20	260	19/26	2
3152/20AWC	1000	0.30	300	24/29	2
3152/22AWC	2000	0.50	370	29/32	1



i For spare polyethylene stoppers, please see page 249.

AZLON® SQUAT FORM MEASURING CYLINDERS

- Low height improves stability on lab bench
- Easier to manoeuvre in fume cupboards
- Robust polypropylene construction
- Unique drainage hole for problem-free washing

For full details see CPS: range on page 109





Flasks, volumetric, class A, ISO/DIN/USP tolerances

PYREX®

- Complies with ISO 1042 and DIN 12664
- Calibrated to the tolerance required by the United States Pharmacopoeia (USP) which is tighter than those of ISO/DIN standards
- Each flask is laser etched with an individual serial number batch code and date of manufacture
- Batch certificate available to download online
- Conformity 'H', certified
- Manufactured from chemically resistant Pyrex® glass
- Inscriptions in white enamel
- Polyethylene stopper

Product Code	Capacity (ml)	Tol. ± ml	Approx height (mm)	Stopper size	Pack qty.
3151/01	1	0.02	65	7/16	5
3151/02	2	0.02	65	7/16	5
3151/04	5	0.02	70	10/19	5
3151/06	10	0.02	90	10/19	5
3151/08	20	0.03	110	10/19	5
3151/10	25	0.03	110	10/19	5
3151/12	50	0.05	140	12/21	5
3151/14	100	0.08	170	14/23	5
3151/16	200	0.10	210	14/23	5
3151/18	250	0.12	220	14/23	2
3151/20	500	0.20	260	19/26	2
3151/22	1000	0.30	300	24/29	2
3151/24	2000	0.50	370	29/32	1
3151/26	5000	1.00	475	34/35	1



20ml and 5000ml sizes are supplementary to DIN range.

Please note that the downloadable batch certificates can be obtained by visiting www.scilabware.com and entering the unique batch code, which can be found on the base of each flask.



Flasks, volumetric, class A, amber, DIN/ISO/USP tolerances

PYREX®

- Complies with ISO 1042 and DIN 12664
- Calibrated to the tolerance required by the United States Pharmacopoeia (USP) which are tighter than those of ISO/DIN standards
- Manufactured from borosilicate glass with an amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Each flask is laser etched with an individual serial number batch code and date of manufacture
- Conformity 'H' certified
- Batch certificate available to download online

Product Code	Capacity (ml)	Tol. ± ml	Approx height (mm)	Stopper size	Pack qty.
3152/04A	5	0.02	70	10/19	5
3152/06A	10	0.02	90	10/19	5
3152/08A	25	0.03	110	10/19	5
3152/10A	50	0.05	140	12/21	5
3152/12A	100	0.08	170	14/23	5
3152/14A	200	0.10	210	14/23	5
3152/16A	250	0.12	220	14/23	2
3152/18A	500	0.20	260	19/16	2
3152/20A	1000	0.30	300	24/29	2
3152/22A	2000	0.50	370	29/32	1



LIPSOL® LABWARE DETERGENT

- Excellent cleaning performance - ideal for use with laboratory glassware and plasticware
- Great value for money
- Totally biodegradable

For full details see page 89





Flasks, volumetric, class A

MBL®

- Complies with ISO 1042 and DIN 12664
- Finely calibrated to Class A tolerances
- Each flask is laser etched with an individual serial number, batch code and date of manufacture
- Manufactured from chemically resistant borosilicate glass
- Conformity 'H' certified
- Inscriptions in blue enamel
- Supplied with polyethylene stopper
- Batch certificate available to download online

Product Code	Capacity (ml)	Tol. +/- ml	Approx height (mm)	Stopper size	Pack qty.
FRD164	5	0.025	70	10/19	5
FRD166	10	0.025	90	10/19	5
FRD167	20	0.04	110	10/19	5
FRD168	25	0.06	110	10/19	5
FRD170	50	0.06	140	12/21	5
FRD172	100	0.10	170	14/23	5
FRD174	200	0.15	210	14/23	5
FRD176	250	0.15	220	14/23	2
FRD178	500	0.25	260	19/26	2
FRD180	1000	0.40	300	24/29	2
FRD182	2000	0.60	370	29/32	1
FRD184	5000	1.20	475	34/35	1



The downloadable batch certificates can be obtained by visiting www.scilabware.com and entering the unique batch code, which can be found on the base of each flask.



Flasks, volumetric, class B

MBL®

- Complies with ISO 1042 and DIN 12664
- Manufactured from borosilicate glass for corrosion-free performance
- Inscriptions in blue enamel
- Polyethylene stopper

Product Code	Capacity (ml)	Tol. +/- ml	Approx height (mm)	Stopper size	Pack qty.
FRD022P	5	0.05	70	10/19	5
FRD024P	10	0.05	90	10/19	5
FRD025P	20	0.08	110	10/19	5
FRD026P	25	0.08	110	10/19	5
FRD028P	50	0.12	140	12/21	5
FRD030P	100	0.20	170	14/23	5
FRD032P	200	0.30	210	14/23	5
FRD034P	250	0.30	220	14/23	2
FRD036P	500	0.50	260	19/26	2
FRD038P	1000	0.80	300	24/29	2
FRD040P	2000	1.20	370	29/32	1
FRD042P	5000	2.40	475	34/35	1

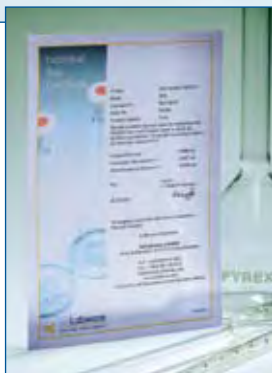


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- Free quotation without obligation
- Highest quality guaranteed
- All enquiries welcome

Tel: +44 (0)1785 812121
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 Email: customglass@scilabware.com





Flasks, volumetric, Col Lisse, class A

MBL®

- Complies with ISO 1042
- With plain neck to accept rubber stopper
- Manufactured from borosilicate glass
- Finely calibrated to Class A tolerances
- Conformity 'H' certified
- Individually laser etched with serial number, batch code and date of manufacture
- Batch certificate available to download online
- Blue enamel inscriptions

Product Code	Capacity (ml)	Tol. +/- ml	Approx height (mm)	Neck I.D. mm	Pack qty.
FRD200	5	0.025	70	7	5
FRD202	10	0.025	90	7	5
FRD204	20	0.04	110	9	5
FRD206	25	0.04	110	9	5
FRD208	50	0.06	140	11	5
FRD210	100	0.10	170	13	5
FRD212	200	0.15	210	15	5
FRD214	250	0.15	220	16	2
FRD216	500	0.25	260	19	2
FRD218	1000	0.40	300	23	2
FRD220	2000	0.60	370	27	1
FRD222	5000	1.20	475	42	1

 Rubber stoppers not supplied.





Flasks, volumetric, class A, PMP (TPX)

A E Aston

- Manufactured from glass-clear PMP offering excellent clarity
- Individually adjusted ring-mark to class A tolerances according to ISO 1042
- Complete with printed batch code
- Batch certificate available to download online
- Supplied with polypropylene stopper

Product Code	Capacity (ml)	Tol. ± ml	Height with stopper mm	Neck size	Pack qty.
PDF112A	25	0.04	115	10/19	1
PDF118A	50	0.06	150	12/21	1
PDF124A	100	0.10	180	14/23	1
PDF130A	250	0.15	235	19/26	1
PDF136A	500	0.25	270	19/26	1
PDF138A	1000	0.40	310	24/29	1

 Downloadable batch certificates are available from www.scilabware.com

 Cleaning up to max. 60°C is recommended to preserve marks and inscriptions.



Flasks, volumetric, class B, PMP (TPX)



- Manufactured from transparent PMP offering excellent clarity
- Clear easy to read calibration line
- Calibrated to ISO 1042, class B tolerances
- Supplied with polypropylene stopper

Product Code	Capacity (ml)	Tol. ± ml	Height with stopper mm	Neck size	Pack qty.
FDF112N	25	0.08	115	10/19	1
FDF118N	50	0.12	150	10/19	1
FDF124N	100	0.20	180	14/23	1
FDF130N	250	0.30	235	19/26	1
FDF136N	500	0.50	270	19/26	1
FDF138N	1000	0.80	310	24/29	1



Exposure to temperatures up to 121°C (autoclaving) will not cause permanent exceeding of tolerance limits



Cleaning up to max. 60°C is recommended to preserve marks and inscriptions.

Flasks, volumetric, class B, polypropylene



- Manufactured from translucent polypropylene giving good durability
- Clear easy to read calibration line
- Calibrated to ISO 1042, class B tolerances
- Supplied with polypropylene stopper

Product Code	Capacity (ml)	Tol. ± ml	Height with stopper mm	Neck size	Pack qty.
FDF012N	25	0.08	115	10/19	1
FDF018N	50	0.12	150	10/19	1
FDF024N	100	0.20	180	14/23	1
FDF030N	250	0.30	235	19/26	1
FDF036N	500	0.50	270	19/26	1
FDF038N	1000	0.80	310	24/29	1



Exposure to temperatures above 60°C may affect accuracy and remove marks and inscriptions.



Flasks, Kohlrusch, class A

MBL®

- Complies with BS 615
- With expanded neck for easy introduction of viscous liquids or solid samples
- 2 sizes available:
 - 100ml for sugar analysis
 - 200ml for determination of oil viscosity by Engler method
- Calibrated to Class A tolerances
- White enamel inscriptions
- Manufactured from soda-lime glass

Product Code	Capacity (ml)	Tol. ± ml	Approx height (mm)	Pack qty.
FRE011	100	0.06	155	2
FRE013	200	0.10	185	2





Flow indicator, PMP (TPX)



- Simple but highly effective device to show flow of liquid or gas
- Transparent robust moulding with a coloured paddle wheel
- Operates at low flow rates (the impeller starts to turn at 150ml/min)
- Stepped side arms are tapered to accept tubing from 6 - 11mm I.D.

Product Code	Overall length mm	Volume ml	Pack qty.
FWY053	90	10	1

 2 bar operating pressure. +60°C operating temperature.

 Not suitable for use with strong acids / alkalis or solvents.