

PEGASUS[®]

LAMPWORKING BLANKS



INTRODUCTION

PEGASUS has been a supplier to Lampworkers for over 35 years. Lampworking supplies and Flask Blanks are the cornerstone of all product created by a skilled lathe or bench lampworker. PEGASUS literature and warehouse have an extensive offering of 3.3 Borosilicate Glass, Bell Jars, Bottles, Flasks, Ground Joints, Stopcocks, Threads, Tools, and Accessories awaiting your order.

Can't find what you're looking for? Call us and we'll make it for you.



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BOTTLES

REAGENT BOTTLES

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SOLUTION BOTTLES

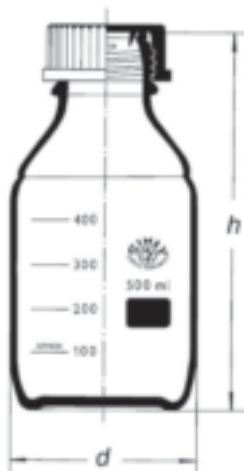
#12 STOPPER TYPE	6
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ROUX CULTURE BOTTLES

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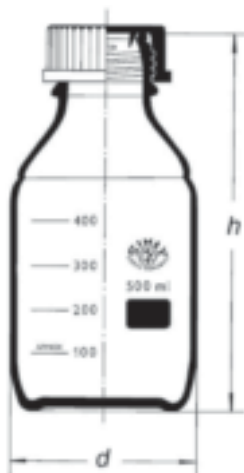
BOTTLES

REAGENT BOTTLES WITH GL45 THREAD WITH BLUE CAP RESISTANT TO 140°C EN ISO 4796-1 / DIN 168 Teil 1



Pegasus Code	Capacity ml	d mm	h mm	Case Qty
414 321 100	100	56	105	10
414 321 250	250	70	143	10
414 321 500	500	86	182	10
414 321 940	1,000	101	203	10
414 321 950	2,000	136	260	10
414 321 956	5,000	186	355	6
414 321 966	10,000	234	435	1
414 321 968	20,000	288	505	1

REAGENT BOTTLES WITH GL45 THREAD WITH PBTB RED CAP RESISTANT TO 200°C AND PTFE COATED SILICONE RING EN ISO 4796-1 / DIN 168 Teil 1

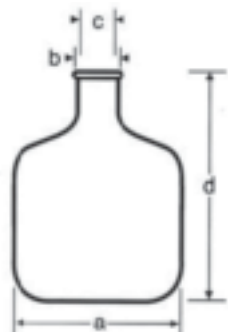


Pegasus Code	Capacity ml	d mm	h mm	Case Qty
414 321 101	100	56	105	10
414 321 251	250	70	143	10
414 321 501	500	86	182	10
414 321 941	1,000	101	203	10
414 321 951	2,000	136	260	10
414 321 957	5,000	186	355	6
414 321 967	10,000	234	435	1
414 321 969	20,000	288	505	1

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

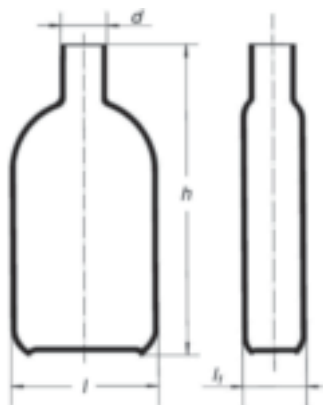
BOTTLES

SOLUTION BOTTLES #12 STOPPER TYPE



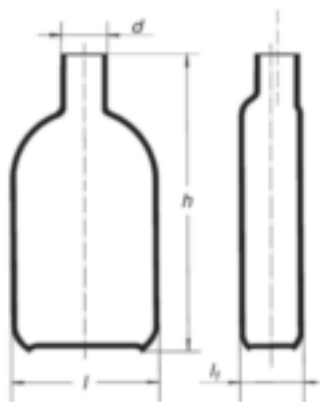
Pegasus Code	Capacity ml	d1 mm	d2 mm	h mm	Case Qty
SB13L	13,000	238	55.6	440	1
SB19L	19,000	292	55.6	508	1
SB45L	45,000	406	55.6	584	1

ROUX CULTURE BOTTLES CENTRAL NECK



Pegasus Code	Capacity ml	l mm	l1 mm	h mm	d mm	Case Qty
411 502 100	75	60	25	125	20	24
411 502 300	250	80	35	180	25	16
411 502 500	450	95	42	195	30	14
411 502 942	1,000	120	55	255	32	6
411 502 950	2,000	150	70	320	40	5

ROUX CULTURE BOTTLES SIDE NECK



Pegasus Code	Capacity ml	l mm	l1 mm	h mm	d mm	Case Qty
411 503 300	250	80	35	180	25	16
411 503 500	450	95	42	195	30	14
411 503 942	1,000	120	55	255	32	6
411 503 950	2,000	150	70	320	40	5

FLASKS

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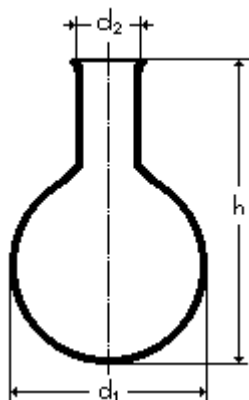
FLASKS

ERLENMEYER



Pegasus Code	Capacity ml	d1 mm	d2 mm	h mm	Case Qty
E250ML	250	85	34	140	10
E300ML	300	87	34	156	10
E500ML	500	105	34	175	10
E1L	1,000	131	42	220	10
E2L	2,000	166	50	280	6
E3L	3,000	187	50	310	6

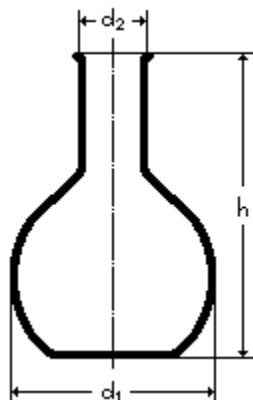
ROUND BOTTOM



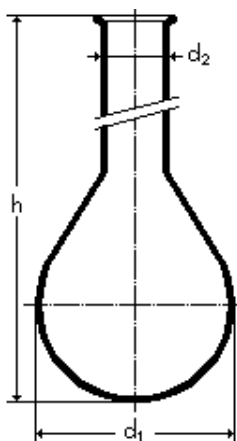
Pegasus Code	Capacity ml	d1 mm	d2 mm	h mm	Case Qty
RB250ML	250	85	34	145	10
RB500ML	500	105	34	175	10
RB1L	1,000	131	42	210	10
RB2L	2,000	166	50	260	6
RB4L	4,000	207	50	315	1
RB6L	6,000	236	65	355	1
RB12L	12,000	296	60	402	1
RB22L	22,000	343	94	481	1
RB50L	50,000	458	115	602	1
RB72L	72,000	520	120	805	1

FLASKS

FLAT BOTTOM



Pegasus Code	Capacity ml	d1 mm	d2 mm	h mm	Case Qty
FB250ML	250	85	34	140	10
FB500ML	500	105	34	170	10
FB1L	1,000	131	42	200	10
FB2L	2,000	166	50	250	6
FB6L	6,000	236	65	340	2
FB10L	10,000	279	65	400	1



KJELDAHL

Pegasus Code	Capacity ml	d1 mm	d2 mm	h mm	Case Qty
K100ML	100	60	34	200	10
K250ML	250	81	34	270	10
K500ML	500	101	34	300	10
K1L	1,000	126	34	350	7

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

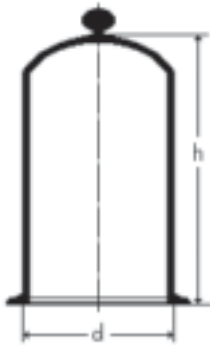
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BELL JARS



Pegasus Code	Diameter mm	Length mm	Case Qty
415 521 260	260	530	1
415 521 318	318	457	1
415 521 390	390.5	762	1
415 521 457	457	762	1



BELL JARS WITH FLANGES

Pegasus Code	Diameter mm	Length mm	Case Qty
415 501 154	150	250	2
415 501 185	180	300	1
415 501 206	200	350	1
415 501 307	300	400	1

WATCH GLASSES / SODA-LIME



Pegasus Code	Diameter mm	Thickness mm	Case Qty
952 430 790	50	1.6	50
952 430 840	60	1.6	50
952 430 860	70	1.6	50
952 430 910	80	1.6	50
952 430 950	90	1.6	50

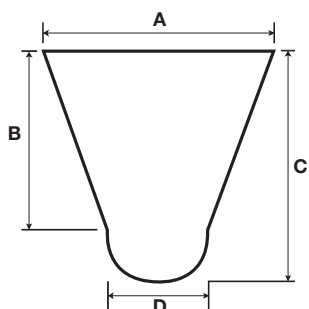
Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

HEX FEET

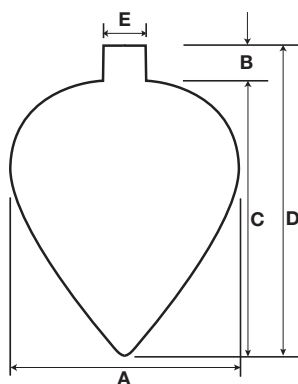


Pegasus Code	d1 mm	h mm	Case Qty
HF50	58	15	120
HF100	68	16	96
HF250	85	19	72
HF500	102	22	72
HF1000	130	26.5	48
HF2000	140	30.5	50

FUNNEL



Pegasus Code	Size ml	a mm	b mm	c mm	d mm	Case Qty
413 000 045	45	45	35	45	7	36
413 000 055	55	55	45	55	8	18
413 000 075	75	75	60	75	9	40
413 000 100	100	100	80	100	10	36
413 000 150	150	150	125	140	16	16



SEPARATORY FUNNEL

Pegasus Code	Size ml	a mm	b mm	c mm	d mm	e mm	Case Qty
415 154 250	250	80	50	170	220	33.5	2
415 154 500	500	98	50	210	260	33.5	2
415 154 940	1000	127	50	338	388	35	2
426 355 953	2000	153	50	330	380	45	1

JOINTS

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JOINTS

CONE JOINTS A-LENGTH MALE



Pegasus Code	Size	Shank OD max mm	OAL mm	Case Qty
510725	7/25	7	100	10
511030	10/30	9	100	10
511230	12/30	11.4	100	10
511435	14/35	14	100	10
511938	19/38	18	100	10
512440	24/40	23	100	10
522942	29/42	28	100	10
513445	34/45	33.5	100	10
514050	40/50	38.8	100	10
514550	45/50	43	100	10
515050	50/50	49	100	10
515550	55/50	53	100	10
516050	60/50	57	100	10
517160	71/60	65	100	10

CONE JOINTS A-LENGTH FEMALE



Pegasus Code	Size	Shank OD max mm	OAL mm	Case Qty
520725	7/25	7	100	10
521030	10/30	9	100	10
521230	12/30	11.4	100	10
521435	14/35	14	100	10
521938	19/38	18	100	10
522440	24/40	23	100	10
522942	29/42	28	100	10
523445	34/45	33.5	100	10
524050	40/50	38.8	100	10
524550	45/50	43	100	10
525050	50/50	49	100	10
525550	55/50	53	100	10
526050	60/50	57	100	10
527160	71/60	75	100	10

JOINTS

CONE JOINTS B-LENGTH MALE



Pegasus Code	Size	Shank OD max mm	OAL mm	Case Qty
510513	5/13	4.15	100	10
510716	7/16	7	100	10
511019	10/19	9	100	10
511221	12/21	11.4	100	10
511420	14/20	14	100	10
511423	14/23	14	100	10
511922	19/22	18	100	10
511926	19/26	18	100	10
512429	24/29	23	100	10
512932	29/32	28	100	10
513435	34/35	33.5	100	10
514038	40/38	38.8	100	10
514540	45/40	43	100	10
515042	50/42	49	100	10
515544	55/44	53	100	10
516046	60/46	57	100	10

CONE JOINTS B-LENGTH FEMALE



Pegasus Code	Size	Shank OD max mm	OAL mm	Case Qty
520513	5/13	7.2	100	10
520716	7/16	11.4	100	10
521019	10/19	14	100	10
521221	12/21	16.4	100	10
521420	14/20	18.4	100	10
521423	14/23	18.4	100	10
521922	19/22	23	100	10
521926	19/26	23	100	10
522429	24/29	28.5	100	10
522932	29/32	33.5	100	10
523435	34/35	41	100	10
524038	40/38	46	100	10
524540	45/40	53	100	10
525042	50/42	57	100	10
525544	55/44	66.5	100	10
526046	60/46	71.5	100	10

Can't find the shape you're looking for? Call us and we'll make it for you! * Minimums may apply.

JOINTS

LONG TIP JOINTS A-LENGTH MALE



Pegasus Code	Size	Shank OD max mm	OAL mm	Case Qty
530725	7/25	7	90	10
531030	10/30	9	90	10
531435	14/35	14	90	10
531938	19/38	18	90	10
532440	24/40	23	90	10
532942	29/42	28	90	10
533445	34/45	33.5	90	10
534050	40/50	38	90	10
534550	45/50	42	90	10
535550	55/50	52	90	10

LONG TIP JOINTS B-LENGTH MALE



Pegasus Code	Size	Shank OD max mm	OAL mm	Case Qty
530716	7/16	7	90	10
531019	10/19	9	90	10
531420	14/20	14	90	10
531423	14/23	14	90	10
531922	19/22	18	90	10
531926	19/26	18	90	10
532429	24/29	23	90	10
532932	29/32	28	90	10
533435	34/35	33.5	90	10
534038	40/38	38	90	10
534540	45/40	42	90	10
535544	55/44	52	90	10



JOINTS

STOPPERS HOLLOW B-LENGTH



Pegasus Code	Size	Case Qty
SB10	10/19	5
SB12	12/21	5
SB14	14/23	5
SB19	19/26	5
SB24	24/29	5
SB29	29/32	5
SB34	34/35	5
SB40	40/38	2
SB45	45/40	2
SB55	55/44	2

JOINT CLIPS PTFE



Pegasus Code	Size	Case Qty
GC10	10	5
GC12	12	5
GC14	14	5
GC19	19	5
GC24	24	5
GC29	29	5
GC34	34	5
GC40	40	5
GC45	45	5

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.



JOINTS

JOINT CLIPS POLYACETAL



Pegasus Code	Size	Color Code	Case Qty
KC10	10	Mint	10
KC12	12	Violet	10
KC14	14	Yellow	10
KC19	19	Blue	10
KC24	24	Green	10
KC29	29	Red	10
KC34	34	Orange	10
KC40	40	Ochre	10
KC45	45	Brown	10

JOINT CLIPS NICKEL PLATED METAL



Pegasus Code	Size s	Case Qty
JC13	13	5
JC19	19	5
JC29	29	5
JC35	35	2
JC41	41	2
JC51	51	2

JOINT CLIPS PTFE

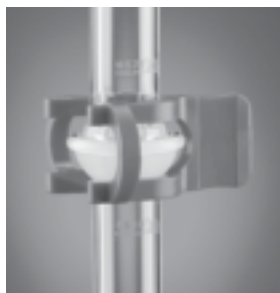


Pegasus Code	Size s	Case Qty
GS13	13	5
GS19	19	5
GS29	29	5
GS35	35	5
GS41	41	5
GS51	51	5



JOINTS

JOINT CLIPS POLYACETAL



Pegasus Code	Size s	Color Code	Case Qty
KS13	13	Violet	5
KS19	19	Dark Blue	5
KS29	29	Dark Red	5
KS35	35	Light Orange	5



BALL JOINTS A-LENGTH MALE



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
550122	12/2	8.6	100	10
550125	12/5	8.3	100	10
550187	18/7	10	100	10
550189	18/9	13	100	10
552812	28/12	16.5	100	10
552815	28/15	20.5	100	10
553525	35/25	24.3	100	10
554025	40/25	32.8	100	10
555030	50/30	38.8	100	10
556540	65/40	45.5	100	10

SOCKET JOINTS A-LENGTH FEMALE



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
560122	12/2	8.6	100	10
560125	12/5	8.3	100	10
560187	18/7	10	100	10
560189	18/9	13	100	10
562812	28/12	16.5	100	10
562815	28/15	20.5	100	10
563525	35/25	24.3	100	10
564025	40/25	32.8	100	10
565030	50/30	38.8	100	10
566540	65/40	45.5	100	10



JOINTS

BALL JOINTS B-LENGTH MALE



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
550132	13/2	8.6	100	10
550135	13/5	8.3	100	10
550199	19/9	13	100	10
552915	29/15	20.5	100	10
553520	35/20	24.25	100	10
554125	41/25	32.8	100	10
555130	51/30	38.8	100	10

SOCKET JOINTS B-LENGTH FEMALE



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
560132	13/2	8.6	100	10
560135	13/5	8.3	100	10
560199	19/9	13	100	10
562915	29/15	20.5	100	10
563520	35/20	24.25	100	10
564125	41/25	32.8	100	10
565130	51/30	38.8	100	10

O-RINGS JOINTS MALE



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
RM13	13	8.3	100	5
RM19	19	12.4	100	5
RM29	29	18.4	100	5
RM35	35	24.5	100	5
RM41	41	28.5	100	5
RM64	64	45	100	5

O-RINGS JOINTS FEMALE



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
RF13	13	8.3	100	5
RF19	19	12.4	100	5
RF29	29	18.4	100	5
RF35	35	24.5	100	5
RF41	41	28.5	100	5
RF64	64	45	100	5

O-RINGS SILICONE WITH PTFE SHEATH



Pegasus Code	Size s	Bore mm	Case Qty
RO13	13	5	5
RO19	19	9	5
RO29	29	15	5
RO35	35	20	5
RO41	41	25	5
RO64	64	40	2

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

JOINTS

O-RINGS PTFE ENCAPSULATED



Pegasus Code	Size s	Bore mm	Case Qty
RE13	13	5	10
RE19	19	9	10
RE29	29	15	10
RE35	35	20	10
RE41	41	25	10
RE64	64	40	10

O-RINGS VITON



Pegasus Code	Size s	Bore mm	Case Qty
RV13	13	5	10
RV19	19	9	10
RV29	29	15	10
RV35	35	20	10
RV41	41	25	10
RV64	64	40	10

JOINT CLIPS S/STEEL LOCKING



Pegasus Code	Size s	Case Qty
RC13	13	1
RC19	19	1
RC29	29	1
RC35	35	1
RC41	41	1
RC64	64	1

JOINTS

GLASS THREADS



Pegasus Code	Size s	Shank OD max mm	OAL mm	Case Qty
703-01	15	16	165	10
703-02	22	22.5	165	10
703-03	30	32	165	10
703-04	42	44.1	165	10

COUPLINGS BUTT JOINT



Pegasus Code	Size s	Case Qty
701-11	15	10
701-12	22	10
701-13	30	10
701-14	42	10

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

JOINTS

SEALING RINGS PTFE BUTT JOINT



Pegasus Code	Size s	Bore mm	Case Qty
701-01	15	10	10
701-02	22	17	10
701-03	30	23	10
701-04	42	34	10

BORED CAPS



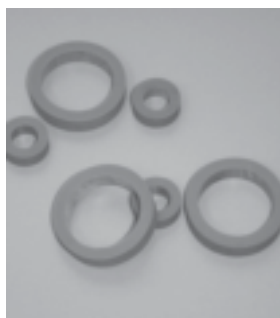
Pegasus Code	Size s	Bore mm	Case Qty
701-41	15	8.4	10
701-42	22	16.4	10
701-43	30	22.5	10
701-44	42	32.8	10

CAPS WITH PTFE LINER



Pegasus Code	Size s	Case Qty
4503/15	15	10
4503/22	22	10
4503/30	30	10
4503/42	42	10

SEALING RINGS SILICONE



Pegasus Code	Size s	Bore mm	Case Qty
701-31	15	8	10
701-32	22	16	10
701-33	30	22	10
701-34	42	32	10

SEALING RINGS SILICONE WITH PTFE SHEATH



Pegasus Code	Size s	Bore min-max mm	Case Qty
701-19	15	4.0-4.4	10
701-21	15	5.6-6.4	10
701-22	15	6.6-7.4	10
701-23	15	7.6-8.4	10
701-51	15	9.6-10.4	10
701-52	22	11.6-12.4	10
701-24	22	13.6-14.4	10
701-25	22	15.6-16.4	10
701-56	22	17.6-18.4	10
701-26	30	19.5-20.5	10
701-27	30	21.5-22.5	10
701-28	30	29.2-30.8	10
701-29	42	31.2-32.8	10

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

JOINTS

COMPLETE SET / GLASS / POLYPROPYLENE PLUG / PTFE SEALING RING



Pegasus Code	Bore min-max mm	Supplied with Fitting	Sealing Ring	Case Qty
721-01	4.8-5.2	720-01	701-20	10
721-02	7.6-8.4	720-02	701-23	10
721-03	13.6-14.11	720-03	701-24	10

POLYPROPYLENE PLUG



Pegasus Code	Bore mm	Case Qty
720-01	5.7	10
720-02	8.7	10
720-03	14.7	10

PTFE PLUG



Pegasus Code	Bore mm	Case Qty
720-04	5.7	10
720-05	8.7	10
720-06	14.7	10

STIRRER BEARINGS



Pegasus Code	Type	Case Qty
588-00	Glass	1
588-92	Gland Set Includes	Complete; 3 bearings 2 bushes 1 spring 1 washer

STOPCOCKS

GLASS STOPCOCKS 1:10

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**STOPCOCKS
GLASS STOPCOCKS 1:10**

STRAIGHT THROUGH



Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty	Replacement Key
SSD102	2	8	1.5	10	SSD102K
SSD103	3	9	1.5	10	SSD103K
SSD104	4	10	1.5	10	SSD104K
SSD106	6	13	1.5	10	SSD106K
SSD110	10	18	2.5	10	SSD110K



STRAIGHT THROUGH CAPILLARY ARMS

Pegasus Code	Key Bore	Sidearm OD mm	Sidearm bore mm	Case Qty	Replacement Key
SSD152	1.5	8	2.5	10	SSD102K
SSD153	2.5	8	2.5	10	SSD103K



DOUBLE OBLIQUE

Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty	Replacement Key
SSD202	1.5	8	1.5	10	SSD202K
SSD203	2.5	9	1.5	10	SSD303K



T-BORE 3-WAY

Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty	Replacement Key
SSD302	1.5	8	1.5	10	SSD302K
SSD303	2.5	9	1.5	10	SSD303K
SSD304	4	10	1.5	10	SSD304K

**STOPCOCKS
GLASS AND PTFE STOPCOCKS**

**GLASS STOPCOCKS 1:10
BURETTE**



Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty	Material Type	Replacement Key
SSD502	1.5	8	1.5	10	Borosilicate	SSD102K
SSD562	1.5	8	1.5	10	Soda-Lime	SSD102K

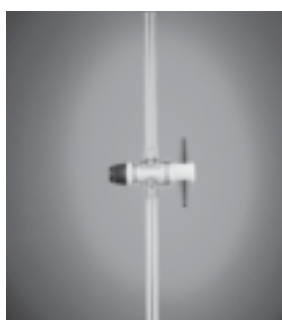
**GLASS STOPCOCKS 1:10
FUNNEL REPAIR**



Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty	Replacement Key
SSD702	1.5	8	1.5	10	SSD102K
SSD703	2.5	9	1.5	10	SSD103K
SSD704	4	10	2.2	10	SSD104K

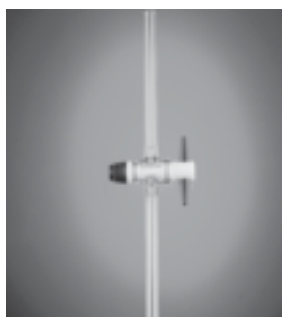
INTERFLON®

**PTFE STOPCOCKS 1:7.5
STRAIGHT THROUGH**



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF101	1	8	5	10	SSP101
SSF102	2	8	5	10	SSP102
SSF103	3	10	7	10	SSP103
SSF104	4	10	7	10	SSP104
SSF106	6	12	9	5	SSP106
SSF108	8	14	11	5	SSP108
SSF110	10	15	11.4	5	SSP110

**INTERFLON® PTFE STOPCOCKS 1:7.5
STRAIGHT THROUGH CAPILLARY**



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF152	2	7	2.5	10	SSP102
SSF153	3	9	3	10	SSP103



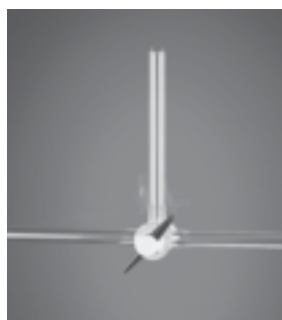
**STOPCOCKS
PTFE STOPCOCKS 1:7.5**

DOUBLE OBLIQUE



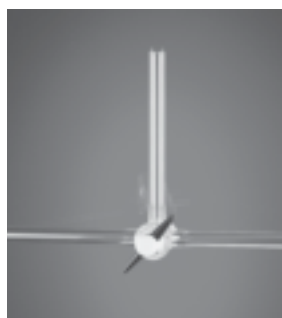
Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF202	2	8	5	10	SSP202
SSF203	3	9	6	10	SSP203

T-BORE 3-WAY



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF302	2	8	5	5	SSP302
SSF303	3	9	6	5	SSP303
SSF304	4	10	7	5	SSP304

T-BORE 3-WAY CAPILLARY



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF352	2	7	2.5	5	SSP302

Y-BORE 3-WAY



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF402	2	8	5	5	SSP402
SSF403	3	9	6	5	SSP403
SSF404	4	10	7	5	SSP404

**STOPCOCKS
PTFE STOPCOCKS 1:7.5**

Y-BORE 3-WAY CAPILLARY



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF452	2	7	2.5	5	SSP402

BURETTE



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF502	2	8	5	10	SSP102
SSF562	2	7	4.8	10	SSP102

FUNNEL REPAIR



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSF702	2	10	5.6	10	SSP102
SSF703	3	12	7.6	10	SSP103
SSF704	4	12	7.6	10	SSP104
SSF706	6	14	9	5	SSP106

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

**STOPCOCKS
PTFE STOPCOCKS 1:5**

STRAIGHT THROUGH



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSE102	1.5	8	5	5	SSE102K
SSE103	2.5	8	5	5	SSE103K
SSE104	4	10	7	5	SSE104K
SSE106	6	13	10	5	SSE106K
SSE110	10	18	13	5	SSE110K



STRAIGHT THROUGH CAPILLARY

Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSE152	1.5	8	2	5	SSE102K
SSE153	2.5	8	3	5	SSE103K



BURETTE

Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Material Type	Replacement Key
SSE502	1.5	8	5	5	Borosilicate	SSE102K
SSE562	1.5	8	5	5	Soda-Lime	SSE102K

FUNNEL REPAIR



Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
SSE702	1.5	9	6	5	SSE102K
SSE703	2.5	9	6	5	SSE103K
SSE704	4	10	5.6	5	SSE104K

**STOPCOCKS
HIGH VACUUM STOPCOCKS**

STRAIGHT THROUGH



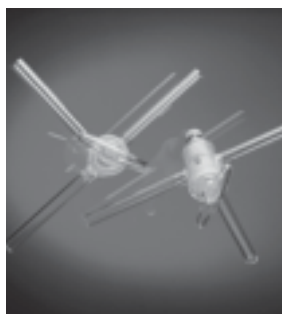
Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty
SSV102	2	8	1.5	1
SSV103	3	9	1.5	1
SSV104	4	10	1.5	1
SSV106	6	11	1.5	1
SSV108	8	13	1.5	1
SSV110	10	15	1.8	1

DOUBLE OBLIQUE



Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty
SSV202	2	8	1.5	1
SSV203	3	9	1.5	1
SSV204	4	10	1.5	1

T BORE 3-WAY



Pegasus Code	Key Bore	Sidearm OD mm	Wall mm	Case Qty
SSV302	2	8	1.5	1
SSV303	3	9	1.5	1
SSV304	4	10	1.5	1
SSV306	6	11	1.5	1

RIGHT ANGLE / PUMP PATTERN



Pegasus Code Key	Key Bore	Sidearm OD mm	Wall mm	Case Qty
SSV504	4	10	1.5	1
SSV506	6	12	1.5	1
SSV508	8	13	1.5	1

* Minimums may apply. Can't find the size you're looking for? Call us and we'll make it for you!

**STOPCOCKS
HIGH VACUUM STOPCOCKS**

OBLIQUE BORE / SAFETY PATTERN



Code Plain	Key Bore	Sidearm OD mm	Wall mm	Case Qty
SSV802	2	8	1.5	1
SSV804	4	10	1.5	1
SSV806	6	12	1.5	1

ROTAFLOR®

GENERAL PURPOSE "GP" STOPCOCKS



STRAIGHT THROUGH

Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
GP3ST/5	3	8	5	5	GP3K
GP6ST/7	6	10	7	5	GP6K
GP10ST/10	10	13	10	2	GP10K



RIGHT ANGLE

Pegasus Code	Key Bore	Sidearm OD mm	Sidearm Bore mm	Case Qty	Replacement Key
GP3RA/5	3	8	5	5	GP3K
GP6RA/7	6	10	7	5	GP6K
GP10RA/10	10	13	10	2	GP10K



BURETTE

Pegasus Code	Key Bore	Sidearm Bore mm	Approx OAL mm	Case Qty	Material Type	Replacement Key
GP3BU/5B	3	12	175	5	Borosilicate	GP3K
GP3BU/5S	3	12	175	5	Soda-Lime	GP3K

**STOPCOCKS
HIGH PERFORMANCE "HP" STOPCOCKS**



STRAIGHT THROUGH

Pegasus Code	Key Bore	Sidearm Bore mm	Sidearm OD mm	Case Qty	Replacement Key
HP3ST/5	3	5	8	1	HP3K
HP3ST/7	3	7	10	1	HP3K
HP6ST/7	6	7	10	1	HP6K
HP6ST/10	6	10	13	1	HP6K
HP10ST/10	10	10	13	1	HP10K
HP10ST/15	10	15	19	1	HP10K



RIGHT ANGLE

Pegasus Code	Key Bore	Sidearm Bore mm	Sidearm OD mm	Case Qty	Replacement Key
HP3RA/5	3	5	8	1	HP3K
HP3RA/7	3	7	10	1	HP3K
HP6RA/7	6	7	10	1	HP6K
HP6RA/10	6	10	13	1	HP6K
HP10RA/10	10	10	13	1	HP10K
HP10RA/15	10	15	19	1	HP10K



THREE-WAY

Pegasus Code	Key Bore	Sidearm Bore mm	Sidearm OD mm	Case Qty	Replacement Key
HP3TW/5	3	5	8	1	HP3K
HP6TW/7	6	7	10	1	HP6K

Can't find the size you're looking for? Call us and we'll make it for you! * Minimums may apply.

TOOLS

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DRIFT WIDE


Pegasus Code	Style	Base Width mm	Active Length mm	Radius Tip mm	Case Qty
750 010 310	I	31	109	11	1
750 010 435	I	43.5	135	16	1
750 010 590	I	59	152	23	1
750 010 650	I	65	155	26	1

DRIFT INCLINE


Pegasus Code	Style	Base Width mm	Active Length mm	Case Qty
750 020 150	V	15	80	1
750 020 200	V	20	80	1

DRIFT POINTED


Pegasus Code	Style	Base Width mm	Active Length mm	Case Qty
750 030 200	VII	20	32	1
750 030 300	VII	30	50	1
750 030 400	VII	40	75	1
750 030 740	VII	74	74	1

DRIFT POINTED NARROW


Pegasus Code	Style	Base Width mm	Active Length mm	Case Qty
750 040 140	XI	14	85	1

* Minimums may apply. Can't find the size you're looking for? Call us and we'll make it for you!

BURNERS

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H2 BURNER	39
H1 BURNER	39
S1 ECONOMISER	39


H3 BURNER

Consumption of Natural Gas at 40kPa [m3.h-1]	Consumption of Oxygen at 200 kPa [m3.h-1]	Power Output kW	Tip Diameter mm	Pegasus Code
0.35	0.6	3.5	ø 10	554 014 480


H2 BURNER

Gas	Pressure kPa	Input [m3.h-1]	Power Output kW	Tip Diameter mm	Pegasus Code
Natural Gas	max 50	2.55			
Oxygen	min 20	5.75	25.5	ø 35	554 213 202
Air	min 10	3.75			


H1 BURNER

Gas	Pressure kPa	Input [m3.h-1]	Power Output kW	Tip Diameter mm	Pegasus Code
Natural Gas	max 40	2.5			
Oxygen	min 20	2.3	20	ø 18	554 221 300
Air	min 10	1.5			


S1 ECONOMISER

Gas	Pressure kPa	Pegasus Code
Natural Gas	max 50	554 040 770
Oxygen	min 20	
Air	min 10	

* Minimums may apply. Call us and we'll make it for you!

SIMAX® INFORMATION

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PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DATA

Mean linear and thermal coefficient of expansion α (20°C; 300°C) according to ISO 7991	3.3 .10 ⁻⁶ K ⁻¹
Transformation temperature T _g	525°C
Glass temperature at 1013 (upper annealing temperature)	560°C
Viscosity η in dPa . s: 107,6 (softening temperature)	825°C
Viscosity η in dPa . s: 104,0 (working range)	1,260°C
Highest short-term admissible working range	500°C
Density ρ at 20°C	2.23 g/cm ³
Modulus of elasticity E (Young's modulus)	64 103 MPa
Poisson's ratio μ	0.20
Thermal conductivity λ (20 to 100°C)	1.2 W.m ⁻¹ .K ⁻¹
Temperature for specific electric resistance 108 Ω .cm (DIN 52326) tk100	250°C
Logarithm of electric bulk resistivity (Ω . cm) at 250°C	8
Logarithm of electric bulk resistivity (Ω . cm) at 350°C	6.5
Dielectric properties (1 MHz, 25°C)	
Dielectric constant ϵ	4.6
Loss factor tan δ	37.10 ⁻⁴
Refractive index ($\lambda = 587.6$ nm) nd	1,473
Photo elastic constant (DIN 52314) K	4.0.10 ⁻⁶ mm ² .N ⁻¹

CHEMICAL COMPOSITION

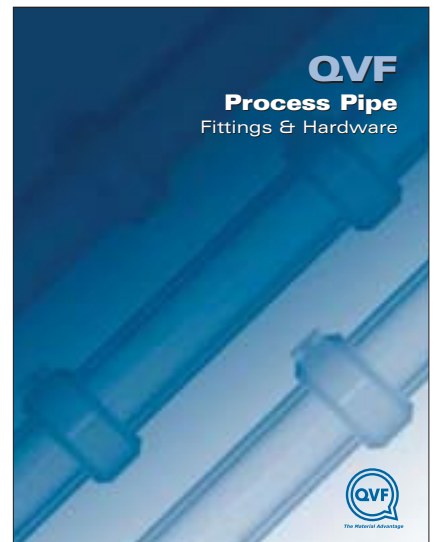
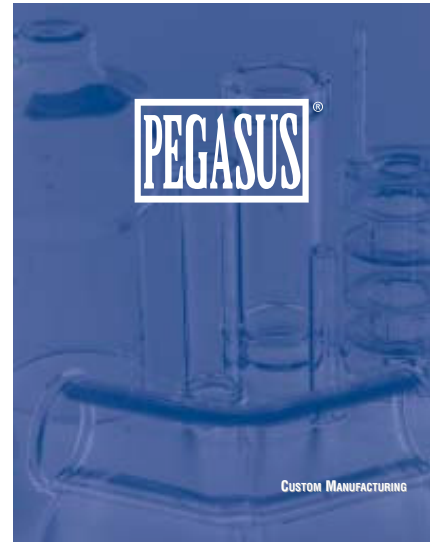
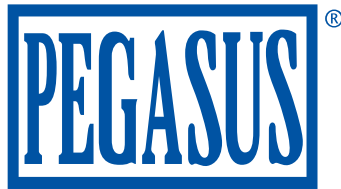
SiO ₂	B ₂ O ₃	Na ₂ O + K ₂ O	Al ₂ O ₃
80.6	13	4	2.4

CHEMICAL DURABILITY

Class of Resistance to Water Effects (ISO 719)	HGB 1
Class of Resistance to Acid Effects (ISO 1776 a DIN 12116)	Class S1
Class of Resistance to Various Kinds of Hydroxides (ISO 695)	Class A2

SIMAX® borosilicate glass 3.3 is highly resistant to water effects, neutral and acid solutions, heavy acids and their mixtures, to chlorine, bromine, iodine and organic compounds. Even long-term effects at temperatures above 100°C, SIMAX® borosilicate glass 3.3 outperforms most metals and other permeable materials.

Due to water and acid effects SIMAX® glass releases only trace amounts of primarily mono-valent ions. A very thin, permeable siliceous gel layer forms on the surface of the glass which creates a barrier to further attack. The exceptions to SIMAX® glass chemical durability are the following chemicals to be avoided: hydrogen fluoride (any concentration), hot concentrated phosphoric acid and alkaline solutions. Alkaline solutions attack glass slowly at room temperatures but rate of attack increases with concentration and temperature.



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