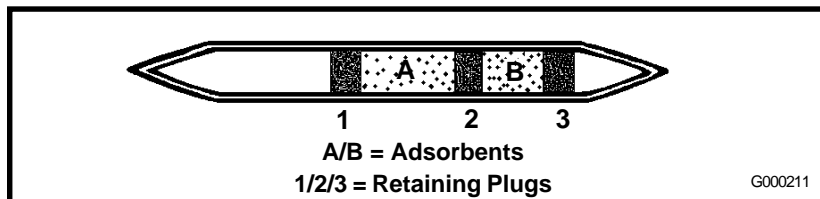


ORBO Solvent Desorption Tubes

Product Specification



ORBO™ No.	Adsorbent	Bed Wt. (mg) A/B	Dimensions (mm) OD x Length	SKC Inc. Equivalent	Qty.	Cat. No.
Charcoal						
32 large	Activated coconut charcoal (20/40)	400/200	8 x 100	226-09	50	20228
32 small	Activated coconut charcoal (20/40)	100/50	6 x 70	226-01	50	20267-U
33	Activated petroleum charcoal (20/40)	700/390	8 x 150	226-36	50	20259
34	Activated coconut charcoal, specially treated	400/200	8 x 100	—	25	20211
301	Charcoal (20/40)	150	6 x 70	—	50	20039
303	Charcoal (petroleum) (20/40)	100/50	6 x 70	226-38	50	20040-U
304	Charcoal (low Ni) (20/40)	120/60	6 x 80	—	50	20041
306	Charcoal (petroleum) (20/40)	400/200	8 x 110	—	50	20073-U
351	4-tert-butyl catechol on charcoal	100/50	6 x 70	226-73	50	20042
352	Oxidizer-impregnated charcoal (AVL Barneby Cheney, 580-20)	100/50	6 x 70	—	50	20043
353	HBr on petroleum charcoal	100/50	6 x 70	226-38-03	25	20044
354	Alkali-treated charcoal (AVL Barneby Cheney, 580-19)	100/50	6 x 70	226-67	50	20045
355	4-tert-butyl catechol on charcoal	110/55	6 x 70	—	50	20046
356	4-tert-butyl catechol on charcoal	400/200	8 x 110	—	50	20047
Carbon						
91	Carbosieve™ S-III carbon molecular sieve*	130/65	6 x 70	226-121	25	20360
90	Carboxen™-564▼ carbon molecular sieve*	160/80	6 x 70	226-81	25	20358
92	Carboxen-564 carbon molecular sieve*	160/80	6 x 70	226-81	25	20362
78	HBr on Carboxen-564 carbon molecular sieve	400/200	6 x 110	—	25	20355
100	Carbotrap™ (20/40)	350/175	7 x 110	—	25	20255-U
101	Carbotrap (20/40)	100/50	6 x 70	—	25	20254-U
1004	KOH-coated carbon	1.5g	9 x 110	226-31	20	20035
77	H ₂ SO ₄ -treated carbon bead (20/30)	500/250	8 x 110	226-29	50	20036
Silica Gel						
52 small	Activated silica gel (20/40)	150/75	6 x 70	226-10	50	20229
52 large	Activated silica gel (42/60)	150/150	8 x 70	226-48	50	20263
507	Silica gel (20/40)	520/260	8 x 110	226-15	50	20870-U
53	Activated silica gel (20/40) with glass fiber filter	400/200	7 x 100	226-10-3	50	20265
LpDNPH S10	2,4-DNPH on silica (SPE cartridge)	350	11 x 74	—	10	21024-U
502	Activated silica gel (20/45)	100/50	6 x 70	—	50	20030-U
504	Activated silica gel (45/60)	150/75	6 x 70	—	50	20031
506	Activated silica gel (45/60)	300/150	8 x 70	226-10-04	50	20032
554	H ₂ SO ₄ -coated silica gel (20/40)	150/75	6 x 70	226-53	50	20033
Florisil						
60	Florisil® (30/45)	100/50	6 x 70	—	50	20351
Hopcalite						
1002	Hopcalite®	200	6 x 70	226-17-1A	50	20863
1008	Hopcalite	500	8 x 110	226-17-3A	50	20866
Porous Polymers						
42 small	Supelpak™ 20E (20/40)	66/33	6 x 70	226-49-102	50	20262
42 large	Supelpak 20P (20/40)	100/50	10 x 100	226-30-04	50	20264-U
43	Supelpak 20U (20/40)*	100/50	8 x 100	226-30-04	50	20258
44	Supelpak 20E (20/40)*	100/50	8 x 100	226-30-04	50	20260-U
49P	Supelpak 20P (20/40) with glass fiber filter (OVS-2)	270/140	—	226-30-16	10	20350
23	2-(Hydroxymethyl)piperidine on Supelpak 20N (20/40)*	120/60	6 x 70	226-118	25	20257-U

*German Pat. No. 1935500. Patent holder — Badische Anilin- & Soda-Fabrik Aktiengesellschaft.

▼US Pat. No. 4,839,331.

* Similar tubes QA tested for different methods. Refer to *Appendix to Technical Bulletin 769* (Literature No. 411091).

ORBO No.	Adsorbent	Bed Wt. (mg) A/B	Dimensions (mm) OD x Length	SKC Inc. Equivalent	Qty.	Cat. No.
Porous Polymers (contd.)						
24	2-(Hydroxymethyl)piperidine on Supelpak 20N (20/40)	150/75	6 x 100	226-117	25	20231
25	2-(Hydroxymethyl)piperidine on Supelpak 20N (20/40)	450/225	8 x 100	226-27	25	20357
70	5% Na ₂ CO ₃ on Chromosorb P (20/40)	335/185	8 x 100	—	50	20256-U
47	Supelpak 70	100/50	6 x 70	226-95	50	20349
402	Tenax® TA 35/60	100/50	8 x 100	226-35-03	50	20832-U
403	Tenax TA 60/80, acetone/methanol-treated	100/50	6 x 70	—	50	20034
601	Amberlite® XAD®-8 (16/50)	100	6 x 70	226-30-08	50	20048
605	Amberlite XAD-2 (20/50)	100/50	6 x 70	226-30-04	50	20049
608	Amberlite XAD-2 (20/50)	150/75	8 x 110	226-30-05	50	20050-U
609	Amberlite XAD-2 (20/50)	400/200	8 x 110	226-30-06	50	20051
613	Amberlite XAD-4	80/40	6 x 70	226-93	50	20052
615	Amberlite XAD-7 (15/50)	100/50	6 x 70	226-95	50	20053
655	Amberlite XAD-7 (20/60), H ₃ PO ₄ (phosphoric acid)-treated	80/40	6 x 70	226-98	—	20054
657	Amberlite XAD-7, 1-(2-pyridyl)piperazine-coated	80/40	6 x 70	—	50	20055
706	Chromosorb® 102 (20/40)	100/50	8 x 100	226-107	50	20057
710	Chromosorb 108 (60/80)	400/200	10 x 100	226-113	50	20058
711	Chromosorb 106 (60/80)	600/300	10 x 100	—	50	20059
751	Silvered Chromosorb P	30	6 x 20	226-17-4	50	20060
1101	Porapak® QS (50/80)	100/50	6 x 70	226-59-09	50	20061
1102	Porapak P (50/80)	100/50	6 x 70	226-114	50	20062
1103	Porapak Q (50/80)	150/75	6 x 100	226-115	50	20063
1104	Porapak R (50/80)	70/35	6 x 70	226-59-04	50	20064
Polyurethane Foam						
1000	Polyurethane foam (PUF) cartridge	—	22mm x 7.6cm [▲]	226-92	3	20557
—	Glass holder for PUF	—	—	—	1	20556
—	Precleaned PUF plug	—	—	—	3	20600-U
—	PUF filter cartridge assembly (replacement parts available)	—	22mm x 7.6cm [▲]	—	1	21031
2000	Large PUF cartridge	—	6cm x 7.6cm [▲]	226-131	1	20037
—	Glass holder for Large PUF	—	—	—	1	20563
—	Precleaned Large PUF plug	—	—	—	1	20038

▲ Dimensions are for the PUF plug.

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In addition to our stock product and made-to-order offering, we have the capability to make many tubes to your exact specifications. Perhaps you are outgrowing your internal tube-making capability, or you need a tube listed in an OSHA or NIOSH method that is not a stock product. Maybe you have a special project for which you need tubes immediately. Whatever your reason, we can meet your custom tube needs. For more information, refer to our general catalog, or contact our Technical Service Department.

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