



SWALE OCEANOGRAPHIC

General Oceanics – Plankton Nets

GO Plankton Net are available with a full range of accessories, including; Bongo Systems, Mouth Frames, Bridles, Trip Mechanisms, Cod-End assemblies and flow meters.

Complete Plankton Net (Model 5100)

Includes choice of net size & mesh, mouth ring, 3-point bridle and cod-end jar or bag.

Plankton Net Close-Open-Close System (Model CC5100 Series)

For opening and closing nets on messenger command at any depth. Consists of a complete plankton net (as described above), a choker band and line for attachment to double-trip mechanism, snapper block plus and endless loop sewn to cod end. The double-trip mechanism, to which the rolled plankton net attaches consists of the double-trip frame (1000-DT), cable stop (1000-WS), and 2 GO Devil messengers (1000-MG)



Plankton Net Fabric, Size and Mesh

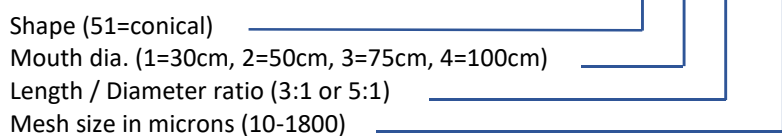
Net material - Nyltex netting, stabilized Dacron collar, seam tape and thread. Double or triple stitched for long service under severe sea-going condition. No "baconing" effect on sewn seam.

Thirty mesh opening sizes are available, with nets sizes from 1800 microns to 5 microns. Mouth diameter: 30cm, 50 cm, 75cm or 100 cm

Bag Length/mouth diameter ratio 3:1 or 5:1 (The finer the mesh, the longer the net should be relative to mouth opening in order to maintain proper flow through the net.)

Net and mesh formula:

The 5100 series model number indicates shape, mouth diameter, length and mesh opening of a particular unit. e.g., a conical net with a mouth diameter of 50 centimetres, a length of 2.5 meters (5:1), and a mesh opening of 153 microns has the model number – **51 2 5 153**



Mesh Size (microns) use as suffix for model no.	Mesh Size (inches)	Open Area %	Silk Size
1800	.0709	61	
1000	.0394	58	
900	.0354	57	
800	.0315	55	
710	.0280	53	
600	.0236	51	
500	.0197	49	
475	.0187	49	
335	.0132	46	
265	.0104	42	
220	.0087	46	
202	.0080	47	8
183	.0072	46	
165	.0065	45	9
153	.0060	45	10
130	.0051	43	
118	.0046	43	
110	.0043	42	13
102	.0040	39	14
93	.0037	38	15
80	.0031	35	18/20
73	.0029	34	20/21
64	.0025	30	25
53	.0021	21	
44	.0017	17	
35	.0014	16	
28	.0011	18	
25	.0010	17	
20	.0008	16	
10	.0004	5	

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