General Surface Support Buoys

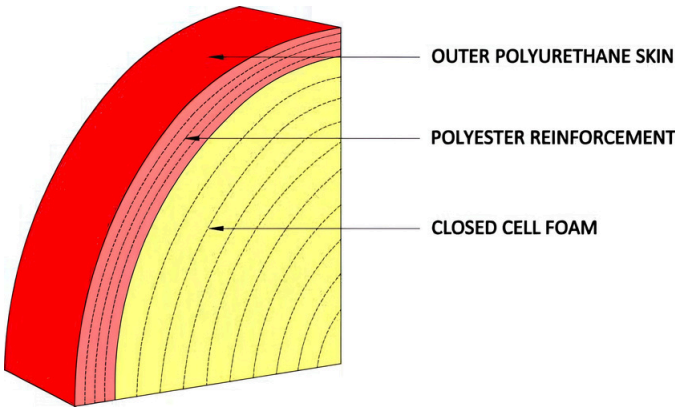
General surface buoys are constructed by resilient closed cell polyethylene /EVA foam around the inner central steelwork, covered by polyurethane (PU) outer kin. General surface support buoys are extensively used in single-point mooring (SPM) systems.

The resilient closed cell polyethylene/EVA foam core guarantees self- fendering and unsinkable even in case of damage.

General surface support buoys have a flotation core manufactured from resilient closed cell polyethylene or EVA foam around internal steelwork. The closed foam ensure the buoy will not absorb water even if the skin is punctured, increasing the life-span of the product and reducing maintenance costs. The resilient foam core makes the buoys self-fendering with a high impact absorption capacity.

The foam core is encapsulated within a skin of tough, abrasion resistant polyurethane elastomer applied by our well proven spray technique. The polyurethane elastomer skin is high resistance to abrasion, fatigue and ultra-violet degradation together with excellent resilience. It does not attract marine growth. For extreme operating conditions, the PU skin can be reinforced by polyester material during the spray process as reinforcement to add further strength.

The self colored skin can be supplied in orange, yellow, red, black, naval grey for easy of identification.



Advantages & Features

- Un-skinable closed cell rigid foam core
- PU Protective outer skin
- Self-fendering with high impact absorption capacity
- PU Various end fitting options available
- Polyester reinforced skin with better performance
- Internal steel core for better support and balance
- Various color for choose
- Customozied size and shape available

Type	Length (mm)	Overall Length (mm)	Diameter (mm)	Weight (kg)	Net Buoyancy (kg)	Net Buoyancy (lbs)
CUB-1000	1500	2100	1080	375	1000	2222
CUB-1250	1550	2100	1160	380	1250	2778
CUB-1500	2000	2500	1130	445	1500	3333
CUB-1700	2000	2500	1180	455	1700	3778
CUB-1750	2000	2500	1190	460	1750	3889
CUB-1850	2000	2500	1230	470	1850	4111
CUB-2000	2000	2500	1290	485	2000	4445
CUB-2250	2000	2500	1340	500	2250	5000
CUB-2500	2000	2500	1400	515	2500	5556
CUB-2800	2000	2500	1510	595	2800	6222
CUB-3000	2000	2500	1520	550	3000	6667
CUB-3200	2000	2500	1560	560	3200	7111
CUB-3500	2000	2500	1630	580	3500	7778
CUB-3900	2000	2500	1705	605	3900	8667

Cylindrical Buoys

Type	Length (mm)	Overall Length (mm)	Diameter (mm)	Weight (kg)	Net Buoyancy (kg)	Net Buoyancy (lbs)
CTB-1500	2000	2660	1195	520	1500	3333
CTB-1700	2000	2660	1260	545	1700	3778
CTB-2000	2000	2660	1325	560	2000	4445
CTB-2250	2000	2660	1395	580	2250	5000
CTB-2500	2000	2660	1450	610	2500	5556
CTB-2750	2000	2660	1505	630	2750	6111
CTB-3000	2000	2660	1565	658	3000	6667
CTB-3500	2000	2660	1680	750	3500	7778
CTB-4500	2000	2660	1900	880	4500	10000

Chain Through Buoys

Type	Length (mm)	Overall Length (mm)	Diameter (mm)	Weight (kg)	Net Buoyancy (kg)	Net Buoyancy (lbs)
PUB-90	660	1000	515	42	90	200
P UB- 225	910	1570	690	120	225	500
P UB- 400	910	1570	900	155	400	889
P UB- 800	910	1570	1150	180	800	1778

Pick Up Buoys