

# PLASTIC FLOATATION SYSTEMS



## PRODUCT RANGE

**Dredging Floats & Pipelines**

**Dredging Rubber Hoses**

**Marine Buoys & Fenders**

**Roto custom solutions**

## Hose Float



Advanced Design - Hose Float

Hose & Cable Floats are primarily meant for the Single Point Mooring, Mining and Cable floatation applications. The floats have open rounded edges to provide flexibility of movement to the hoses/cables to adjust to currents and wind. Rubber pads are provided for tight fitment. Floats are PU filled as a standard.

### Application

- Single Point mooring
- Floating Pipes for gold and other mines
- Floating Cable offshore
- Small area marking

Pipe Size	ID	OD	Length	Approx Buoyancy (kgs)	Approx Floats/100m at SG2.4 @50% solids
upto 110 mm	110	300	600	21	23
130 mm	130	300	600	20	33

## Sanfloats® Dredge Pipeline Float



High Impact polyethylene floats in 2 halves with joining system. Marine grade Raw material used for construction of Floats and Eco-friendly foam filling available.

### Features

- Light weight, easy installation, secure nut bolts system and tightening belts
- Quick online maintenance without taking off line
- Marine grade Galvanised accessories.
- Thick PE Shell with eco-friendly PU filling for maximum impact resistance.
- Superb flexible system for rough sea conditions.

- Excellent Weathering & UV Resistance.
- Color options available

### Application

- Dredge Pipe Lines
- Marine Hoses
- Cable Hoses
- Aquaculture breeding area cages
- Swimming Pool markers
- Ocean Filth blockers

### TYPE A: Advanced Design - Two Halves

Pipe Size	ID	OD	Length	Approx Buoyancy (kgs)
125-160	160	300	600	21
180-225	225	450	900	84
225-250	250	670	1000	225
280	280	670	1000	215
315	315	670	1000	207
355	355	670	1000	195
650	685	1550	2000	2450
750	785	1650	2000	2675

Closed Cell Polyurethane filling is an optional feature and floats are available as empty shells as per customer requirements. Cell Foam used is 'Green environment friendly'.

PN: Indicates Pressure Rating (e.g. PN16 suitable for 16 kg/cm<sup>2</sup>)

SDR: Standard Dimension Ratio (pipe OD to its thickness)

Accessories: Nuts, bolts & tensioning straps are provided with the floats as standard parts. Tensioning Machine available separately.

### TYPE B: Standard Design - Two halves

Pipe Size	ID	OD	Length	Approx Buoyancy (kgs)
250	250	750	750	225
280	280	750	750	220
300-315	325	850	1100	425
350-355	365	850	1100	400
400-410	415	850	1100	375
400-420	425	1100	1175	785
450	455	1100	1175	765
500	505	1100	1175	750
550-560	565	1100	1175	735
600-635	645	1300	1300	1025
600-650	675	1550	1300	1600
700-710	720	1450	2050	2050
700-710	750	1550	1300	1525
800	820	1650	2000	2825
900	920	1550	1300	2715

## Slip On Dredge Pipeline Float



High Impact Polyethylene Floats with no accessories required, simple slip - on design. Mostly used where sizes are very large MS Steel Pipelines. PU foam filling option available.

### Features

- Light weight - easy slip- on installation
- No accessories required
- Thick PE shell with eco-friendly PU filling for maximum impact resistance
- Excellent weathering and UV resistance
- Good visibility from a distance.

### Application

- Dredge Pipe Lines
- Water Transportation
- Slurry Transportation

Pipe Size	ID	OD	Length	Approx Buoyancy (kgs)
700	720	1400	2000	1850
800	820	2000	2000	4400

## SANGIR Polyethylene Dredge Pipes



HDPE pipes are high abrasion and corrosion resistant pipes and are made from advanced grades of PE. The pipes material is UV stabilized for usage in harsh marine environments. Pipes are duly coupled with Flanges and Stubends on both ends and enable easy fitment by use of gaskets and galvanized nuts & bolts.

### Application

- Dredge pipe lines
- Water transportation
- Slurry transportation
- Floating cable casing lines
- Aquaculture breeding area cages
- Ocean filth blockers
- Vaccum applications

### Features

- Made from PE 100 pre-compounded raw material.
- Light Weight - Easy installation
- Superb Flexibility for rough sea conditions
- Excellent Weathering & UV resistance
- Pressure rating of PN 6 - PN 16.
- Color: Black

Pressure Rating		Inner diameter (in mm)				
		PN6	PN8	PN10	PN12.5	PN16
OD (mm)	Inches	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11
200	8"	184	180	175	171	162
225	8"	207	202	197	192	182
250	10"	230	225	219	213	202
280	10"	257	252	245	239	226
315	12"	289	283	276	269	255
355	14"	326	319	310	303	287
400	16"	368	360	350	341	324
450	18"	414	405	394	384	364
500	20"	460	450	437	426	404
560	22"	515	504	490	478	453
630	24"	579	567	551	537	510
710	26"	655	642	629	606	581
800	28"	738	724	709	682	655

OD: Outer diameter of pipe

ID: Inner diameter of pipe

PN: Indicates Pressure Rating (e.g. PN16 suitable for 16kg/cm<sup>2</sup>)

SDR: Standard Dimension Ratio - pipe OD to its thickness

Standard lengths are in 6m and 12m.

Flanges are of M.S. - Hot Dip Galvanized Flanges. Variety of Fabricated Fittings, Manifolds, Connection Joints etc. are available.

Please note: All dimensions mentioned are in millimeters (mm) unless otherwise specified.

Serving customer across the globe:



**SANGIR**<sup>®</sup>  
Piping System



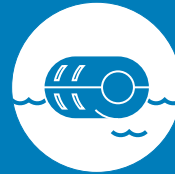
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Floatation Systems



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Custom Services



**Sangir offers a wide range of industrial plastics solutions  
for an array of applications and industries.**


Among our impressive portfolio of products you will find Pipes & Fittings, made from high quality PE, PP, PP-H, PVDF, C-PVC and PERT, sheets made from PE, PP, PP-H, UHMW-PE, PVDF, C-PVC, PERT, PVC Rigid and PVC Foam, HIPS, ABS, fabric backed sheets, welding & solid rods and Stainless Steel disposal systems.



 Sangir Plastics Pvt Ltd., 3rd Floor, Mandhana Enclave,  
Near Canara Bank, Bangur Nagar, Goregaon West,  
Mumbai, Maharashtra, India. Postal code: 400104.

[www.sangir.com](http://www.sangir.com)

 +91-22-28717800 (30 lines) / +91-22-28724023

 +91-22-28741794

 [sales@sangir.com](mailto:sales@sangir.com)

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