

## INDUSTRIAL &amp; SPECIALIST HOSE

# Marine and mining hose floats

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

**Application:** Application-led selection for the specified operating conditions.

## Two-piece hose float dimensional configurations

| Float id mm | Float od mm | Length mm | Wall thickness mm | weight | displacement | Buoyancy 50 percent submerged kg | buoyancy force n |
|-------------|-------------|-----------|-------------------|--------|--------------|----------------------------------|------------------|
| 45          | 400         | 550       | 6                 | 10     | 64.9         | 27.4                             | 538.3            |
| 60          | 400         | 550       | 6                 | 10     | 64.6         | 27.3                             | 535.7            |
| 76          | 400         | 550       | 6                 | 10     | 64.2         | 27.1                             | 532.0            |
| 90          | 400         | 550       | 6                 | 10     | 63.8         | 26.9                             | 528.1            |
| 110         | 400         | 550       | 6                 | 10     | 63.1         | 26.6                             | 521.3            |
| 75          | 605         | 800       | 6                 | 18     | 190.6        | 86.3                             | 1692.7           |
| 90          | 605         | 800       | 6                 | 18     | 189.9        | 86.0                             | 1686.6           |
| 110         | 605         | 800       | 6                 | 18     | 188.9        | 85.5                             | 1676.8           |
| 140         | 605         | 800       | 6                 | 18     | 187.0        | 84.5                             | 1658.3           |
| 160         | 605         | 800       | 6                 | 18     | 185.5        | 83.8                             | 1643.5           |
| 180         | 605         | 800       | 6                 | 18     | 183.8        | 82.9                             | 1626.7           |
| 200         | 605         | 800       | 6                 | 18     | 181.9        | 82.0                             | 1608.0           |
| 225         | 820         | 1000      | 8                 | 40     | 457.6        | 208.8                            | 4096.5           |
| 250         | 820         | 1000      | 8                 | 40     | 453.8        | 206.9                            | 4059.9           |
| 280         | 820         | 1000      | 8                 | 40     | 448.9        | 204.4                            | 4010.9           |
| 310         | 820         | 1000      | 8                 | 40     | 443.3        | 201.6                            | 3956.3           |

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|-------------|-------------|-----------|-------------------|--------|--------------|----------------------------------|------------------|
| 355         | 820         | 1000      | 8                 | 40     | 433.9        | 196.9                            | 3864.1           |
| 400         | 820         | 1000      | 8                 | 40     | 423.2        | 191.6                            | 3759.3           |
| 420         | 1050        | 1200      | 10                | 80     | 924.6        | 422.3                            | 8285.8           |
| 450         | 1050        | 1200      | 10                | 80     | 914.8        | 417.4                            | 8189.2           |
| 500         | 1050        | 1200      | 10                | 80     | 896.9        | 408.4                            | 8013.6           |
| 560         | 1050        | 1200      | 10                | 80     | 872.9        | 396.4                            | 7778.3           |
| 630         | 1050        | 1200      | 10                | 80     | 841.5        | 380.7                            | 7470.2           |
| 650         | 1050        | 1200      | 10                | 80     | 831.8        | 375.9                            | 7375.5           |

Two-piece LDPE hose/pipe float configurations. Select flotation for the filled hose mass, slurry density, spacing and required freeboard. The 50%-submerged buoyancy column and buoyancy-force column are distinct values. Weight and displacement units require confirmation before engineering use.

Two-piece hose float dimensional configurations - construction & conditions

| Parameter | Specification                                                        |
|-----------|----------------------------------------------------------------------|
| Material  | Low-density polyethylene                                             |
| Function  | Hose/pipe flotation; select net buoyancy for filled line and spacing |

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Hose floats

| Parameter   | Specification                                   |
|-------------|-------------------------------------------------|
| Application | Flotation of hoses in marine and mining systems |

Custom engineered construction for the selected application. Custom dimensions and operating limits are set by the approved design. A manufacturing range is not a rating for every hose in that range. Define bore,length,medium,temperature,working pressure,vacuum,liner and end connections in the quotation.

Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

## Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.