

# SeaDrain White

## Revolutionizing marine drainage

New for 2019, the **SeaDrain White** marine piping system is the first thermoplastic black and grey water drainage system to offer both welded and mechanical joining capabilities. The system introduces the industry's first non-corroding thermoplastic deck drain, as well as, the **Fast-Lock** mechanical joining method capable of 2.4 bar (35psi); independent of support hangers, and onboard vacuum service.

### + Advantages

#### A completely corrosion free system!

The NEW SeaDrain White is not only a complete system of pipe and fittings but introduces the industry's first thermoplastic deck drain and additional accessories required to build a complete thermoplastic marine drainage solution.

#### No paint option

Bright White external coloring with up to 10-years of UV resistance against discoloration. In short, it can be installed on deck; in customer visible areas, without the need for external paint.

#### Multiple jointing technologies

Utilizes both our Patented Fast-Lock Mechanical fastening and Electrofusion (USPH Compliant) jointing methods. Fast-Lock fitting integrated clamping method resists pressure up to 35 psi (2.4 bar) independent of secondary restraint (e.g. pipe clamping).

#### Global acceptance

SeaDrain is approved for use by ABS, DNV-GL, Lloyd's Register RINA; NSF Certified and ASTM D635 compliant.



Electrofusion joining system



Fast-Lock Mechanical joining system

The SeaDrain White piping system is produced in the United States from a high-performance polymer with unique physical properties desirable for piping applications used in corrosive marine environments. It is simultaneously light, flexible, tough, and exceptionally corrosion-resistant. The NEW SeaDrain White has best in-class thermal properties, impact resistance, and UV performance when compared to competitive black and grey water piping systems. SeaDrain White has a short-term pressure rating of 35psi (safety tested to 140psi) against potential head pressure.



## + Technical data

### Material

- Color - bright white
- Schedule 40 PPFR
- Up to 10-year UV protection
- Laser print stream (non-color)

### Size range and fusion types

- 1½" IPS (50 mm) - lectrofusion / Fast-Lock
- 2" IPS (63 mm) - Electrofusion / Fast-Lock
- 2½" IPS (75 mm) - Electrofusion / Fast-Lock
- 3" IPS (90 mm) - Electrofusion / Fast-Lock
- 4" IPS (110 mm) - Electrofusion / Fast-Lock
- 6" IPS (160 mm) - Electrofusion

### Temperature rating

- Constant temperature: 180°F (82°C)
- Intermittent temperature: 212°F (100°C)

### Pressure / Vacuum Rating:

- Pressure: 35 psi (+2.4 bar)
- Vacuum: -29 psi (-2.0 bar)

### Standards

- ASTM F1412
- USPH (with electrofusion joining)

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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### Approvals



### Weight comparison

Size	Stainless steel black and grey water		SeaDrain White	
	lb / ft	kg / m	lb / ft	kg / m
1½" IPS (50 mm)	0.8	1.2	0.3	0.5
2½" IPS (75 mm)	1.2	1.8	0.7	1.1
4" IPS (110 mm)	1.8	2.7	1.3	2
6" IPS (160 mm)	3.4	5	2.3	3.5

### Maximum horizontal support hanger comparison

Size	Other plastic black and grey water		SeaDrain White	
	(ft)	(m)	(ft)	(m)
1½" IPS (50 mm)	1.7	0.5	6.6	2
2½" IPS (75 mm)	2.6	0.8	9.8	3
3" IPS (90 mm)	3	0.9	9.8	3
4" IPS (110 mm)	3.6	1.1	9.8	3
6" IPS (160 mm)	5.3	1.6	9.8	3

