#1 Trusted Marine Plumbing System

MARELON®



Better Than Bronze!

- Reduces installation time & labor
- Rugged polymer formula will never corrode
- For use above or below waterline
- No bonding or grounding necessary
- Can be used on any hull material
- Thousands of valve configurations

Used by Over 450 Worldwide Boat Builders

Made in USA



Composite Polymer
Marine Plumbing Components

FORESPAR®
PERFORMANCE PRODUCTS
www.forespar.com

The Marelon® Advantage



Made in USA

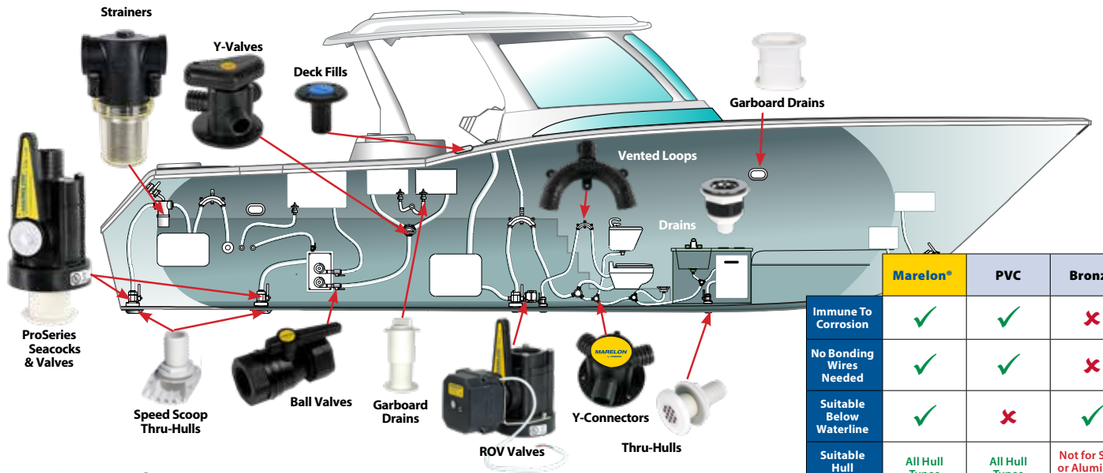
Better Than Bronze

A Full Range of Composite Plumbing Components Used by Over 450 Boat Builders Worldwide

For 45 years, sailors and power boaters have been relying on Marelon products to provide reliable and unfailing service in their boats. Marelon valves and parts have been in constant, dependable use for decades and many of the original valves produced are still on duty in their boats. At Forespar, we pride ourselves on quality, reliability and dependability. Every Marelon product is hand-made in our California factory with the same heritage of quality we have proudly maintained for 40 years.

MARELON products are **ABYC** compliant and can be used above and below the waterline. Over 2500 different **MARELON Pro Series**™ valve configurations are available, as well as thru-hulls, fittings, vented loops, water strainers, and other commonly used plumbing parts.

Engineered to Make Boat Building Easier



- **Better Than Bronze, Never Corrodes**
- Dual Drain, Straight Flow, and Y-Valves Available
- Faster Installation - No Bonding Wire Needed!
- Exceptionally Rugged
- Thousands of Configurations
- Suitable for all Hull Types
- Wide Range of Components

	Marelon®	PVC	Bronze
Immune To Corrosion	✓	✓	✗
No Bonding Wires Needed	✓	✓	✗
Suitable Below Waterline	✓	✗	✓
Suitable Hull Materials	All Hull Types	All Hull Types	Not for Steel or Aluminum Hulls
Passes ABYC 500 lb. Strength Test	✓	✗	✓
ABYC Compliant	✓	✗	✓
Passes USCG Fire Test	✓	✗	✓
Immune To Lightning Damage	✓	✓	✗
Relative Weight (1.5" Ball Valve Seacock)	1.48 lbs	1.65 lbs	6 lbs
Resistant To Cracking	✓	✗	✓

Trusted, Tested & Certified

ABYC COMPLIANT · UL LISTED · ISO CERTIFIED · CE CERTIFIED · IBCI CERTIFIED

LIMITED WARRANTY

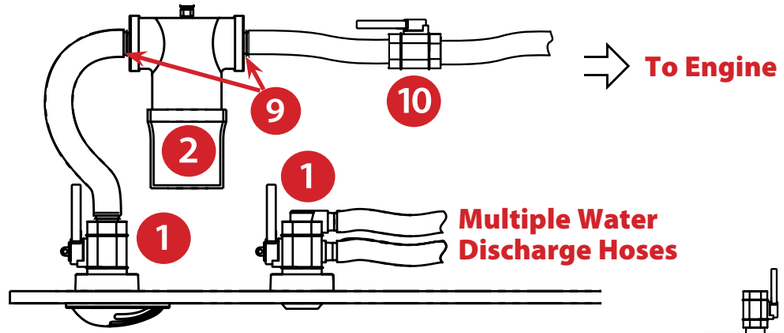
Forespar ® accepts no responsibility for valve or thru-hull components which are improperly installed, tampered with or have inadequate access for service and maintenance.

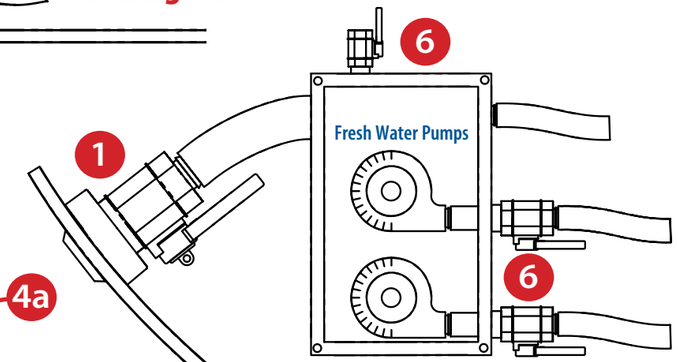
Typical Installations

Shown Marelon Integrated Parts

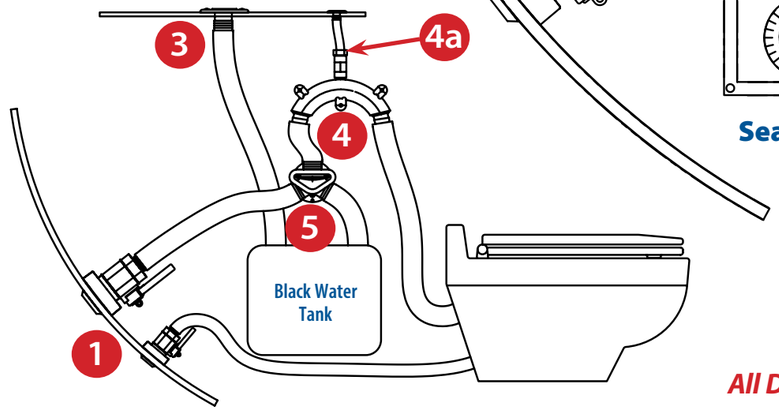
1 Pro Series Valve/Seacock
2 Titan Strainer
3 Deck Fill for pump out
4 Vented Loop
4a Optional Deck Vent
5 Y-Valve
6 Threaded Pro Series Valves
7 Tank Vent
8 T 150 Strainer
9 1-1/2" Barb Adapter
10 Barbed In-Line Ball Valve
11 Pro Series ROV Seacock

Engine Cooling Water Intake with Flush-Out T-Strainer





Marine Head



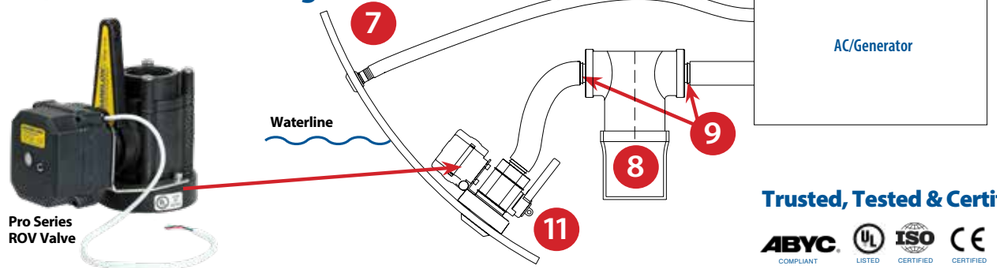
Sea Chest

All Drawings Not to Scale

Important Note About Head Installations

Siphoning can occur without proper vented loop placement. Always consult your marine toilet's instructions for proper installation.

AC/Generator Discharge



Trusted, Tested & Certified

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Marelon Pro Series™ Valves & Seacocks



The Versatile Valves of Choice for Over 450 Boat Builders

With over 2500 possible configurations, Marelon® Pro Series valves offer unprecedented options for reducing the size and complexity of installations. Durable and lightweight, they can be configured with dual inputs or outputs, and used as seacocks or inline valves. This helps reduce the total amount of plumbing needed in most boat designs. Suitable for below the waterline use, every valve meets the strict ABYC requirements for marine plumbing.



Benefits to Builders & Owners

- **Lightweight, yet extremely strong injection-molded parts**
- **Complete freedom from any corrosion**
- **Complete freedom from electrolysis or reaction to any metals**
- **Outstanding operating temperature range (-22˚ to +176˚ F.)**
- **Outstanding U.V. resistance**
- **Fully Modular construction can be custom tailored to any purpose**
- **Long term reliability and serviceability**
- **No bonding (electrical) required**
- **Can be used on aluminum, steel, wood, fiberglass, or carbon hull forms**
- **Can be used with or on any metal fittings**

NEW
Pro Series Options



Extra Long Thru-Hulls



Stainless Crowned Thru-Hulls



Hammer Head Handle



Triple Drain Seacock

Pro Series Valves Offer 1000s of Potential Configurations

All-in-One Design Saves Production Time



Modular Design Can Be Custom Arranged to Fit Tight Spaces

Forespar's popular Marelon® Pro Series™ valves are available in many custom configurations allowing you to create the exact style of valve needed to fit your boat design.

To create a custom part, use the color coded guide on pages 5 and 6. It will help you specify your valve configuration based on the top, body, base, size and special modifiers needed to fit your exact needs. Then enter the corresponding component numbers into the appropriate column of the blank Custom Part table on page 6 to create your unique part#. For an example custom part# see page 5.

All Marelon® Pro Series Valves Are:

ABYC COMPLIANT · UL LISTED · ISO CERTIFIED · CE CERTIFIED · IMCI CERTIFIED

Available with Threaded or Barbed Port Connections

See the following pages for standard popular valve styles or how to order your customized configuration

Important Note On Seacock Installation

Pro Series seacocks can be installed onto Pro Series buttress thread thru-hulls, or ordered for installation onto NPSM thru-hulls. A backing block attached to the inside of the hull is recommended to provide the most stable possible mounting strength. Threads of both the thru-hull and seacock should be prepared with marine sealant.

Standard Pro Series Valves/Seacock

Common Valves Configurations Ready for Order



To make things as easy as possible for boat builders, our Standard Pro Series seacocks and valves offer common port styles, directions and flow pattern configurations in an "in-stock" offering. Pre-assembled and ready to go, they meet all design criteria and exceed all mechanical property requirements specified by the ISO, UL, CE, IMCI and ABYC.

- **Popular Port & Hose Barb Combinations**
- **Standard with Buttress Thread Thru-hulls**
- **NPSM or BSP Threaded Bases are available 3/4" to 2" for use with existing thru-hulls**
- **U.L. Approved & ISO 9093-2 Certified**
- **A.B.Y.C. Compliant**

NEW *Pro Series Options*



Extra Long Thru-Hulls

Stainless Crowned Thru-Hulls



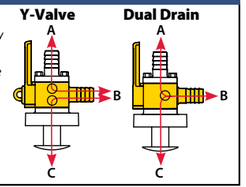


Space Saving Hammer Head Handle

The Difference Between Y-Valves and Dual Drain Valves

Y-Valve *- Y-valves have 3 modes: Off, A-B connected, and B-C connected. They can be used to divert water between a head system, a holding tank, and fresh water or to send raw water from a single input to two separate outputs.*

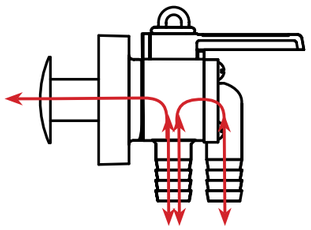
Dual Drain *- Dual Drain valves have 2 modes: A-B-C connected, and off. They can be used to provide raw water to multiple systems, or discharge multiple systems with a single drain.*



All Marelon® Pro Series Valves Are:

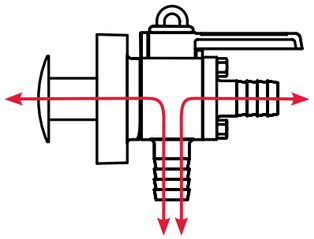
ABYC COMPLIANT · UL LISTED · ISO CERTIFIED · CE CERTIFIED · IMCI CERTIFIED

Arrows Indicate Water Flow Direction



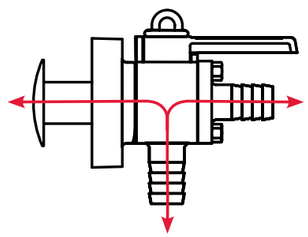
Y-Valve – 90° Barb Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931252 1/2"(12.7mm)	932252 1/2"(12.7mm)	937452 1/2"(12.7mm)	936452 1/2"(12.7mm)
931253 3/4"(19.05mm)	932253 3/4"(19.05mm)	937453 3/4"(19.05mm)	936453 3/4"(19.05mm)
931254 1"(25.4mm)	932254 1"(25.4mm)	937454 1"(25.4mm)	936454 1"(25.4mm)
931255 1-1/4"(31.75mm)	932255 1-1/4"(31.75mm)	937455 1-1/4"(31.75mm)	936455 1-1/4"(31.75mm)
931256 1-1/2"(38.1mm)	932256 1-1/2"(38.1mm)	937456 1-1/2"(38.1mm)	936456 1-1/2"(38.1mm)
931258 2"(50.8mm)	932258 2"(50.8mm)	937458 2"(50.8mm)	936458 2"(50.8mm)



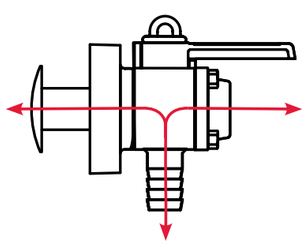
Y-Valve – Straight Barb Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931242 1/2"(12.7mm)	932242 1/2"(12.7mm)	937442 1/2"(12.7mm)	936442 1/2"(12.7mm)
931243 3/4"(19.05mm)	932243 3/4"(19.05mm)	937443 3/4"(19.05mm)	936443 3/4"(19.05mm)
931244 1"(25.4mm)	932244 1"(25.4mm)	937444 1"(25.4mm)	936444 1"(25.4mm)
931245 1-1/4"(31.75mm)	932245 1-1/4"(31.75mm)	937445 1-1/4"(31.75mm)	936445 1-1/4"(31.75mm)
931246 1-1/2"(38.1mm)	932246 1-1/2"(38.1mm)	937446 1-1/2"(38.1mm)	936446 1-1/2"(38.1mm)
931248 2"(50.8mm)	932248 2"(50.8mm)	937448 2"(50.8mm)	936448 2"(50.8mm)



Dual Drain Valve – Straight Barb Top

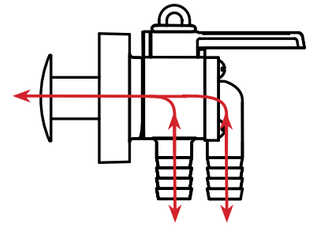
Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931542 1/2"(12.7mm)	932542 1/2"(12.7mm)	937642 1/2"(12.7mm)	936642 1/2"(12.7mm)
931543 3/4"(19.05mm)	932543 3/4"(19.05mm)	937643 3/4"(19.05mm)	936643 3/4"(19.05mm)
931544 1"(25.4mm)	932544 1"(25.4mm)	937644 1"(25.4mm)	936644 1"(25.4mm)
931545 1-1/4"(31.75mm)	932545 1-1/4"(31.75mm)	937645 1-1/4"(31.75mm)	936645 1-1/4"(31.75mm)
931546 1-1/2"(38.1mm)	932546 1-1/2"(38.1mm)	937646 1-1/2"(38.1mm)	936646 1-1/2"(38.1mm)
931548 2"(50.8mm)	932548 2"(50.8mm)	937648 2"(50.8mm)	936648 2"(50.8mm)



Dual Drain Valve – Female Thread Top

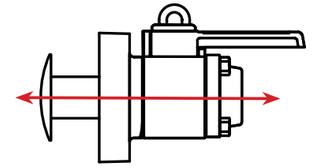
Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931532 1/2"(12.7mm)	932532 1/2"(12.7mm)	937632 1/2"(12.7mm)	936632 1/2"(12.7mm)
931533 3/4"(19.05mm)	932533 3/4"(19.05mm)	937633 3/4"(19.05mm)	936633 3/4"(19.05mm)
931534 1"(25.4mm)	932534 1"(25.4mm)	937634 1"(25.4mm)	936634 1"(25.4mm)
931535 1-1/4"(31.75mm)	932535 1-1/4"(31.75mm)	937635 1-1/4"(31.75mm)	936635 1-1/4"(31.75mm)
931536 1-1/2"(38.1mm)	932536 1-1/2"(38.1mm)	937636 1-1/2"(38.1mm)	936636 1-1/2"(38.1mm)
931538 2"(50.8mm)	932538 2"(50.8mm)	937638 2"(50.8mm)	936638 2"(50.8mm)

Arrows Indicate Water Flow Direction



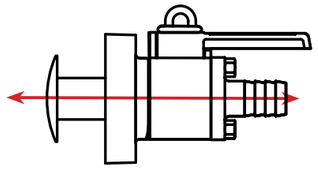
Dual Drain Valve – 90° Barb Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931552 1/2"(12.7mm)	932552 1/2"(12.7mm)	937652 1/2"(12.7mm)	936652 1/2"(12.7mm)
931553 3/4"(19.05mm)	932553 3/4"(19.05mm)	937653 3/4"(19.05mm)	936653 3/4"(19.05mm)
931554 1"(25.4mm)	932554 1"(25.4mm)	937654 1"(25.4mm)	936654 1"(25.4mm)
931555 1-1/4"(31.75mm)	932555 1-1/4"(31.75mm)	937655 1-1/4"(31.75mm)	936655 1-1/4"(31.75mm)
931556 1-1/2"(38.1mm)	932556 1-1/2"(38.1mm)	937656 1-1/2"(38.1mm)	936656 1-1/2"(38.1mm)
931558 2"(50.8mm)	932558 2"(50.8mm)	937658 2"(50.8mm)	936658 2"(50.8mm)



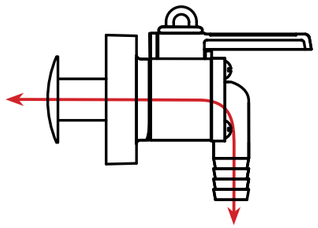
Seacock – Female Thread Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931132 1/2"(12.7mm)	932132 1/2"(12.7mm)	937332 1/2"(12.7mm)	936332 1/2"(12.7mm)
931133 3/4"(19.05mm)	932133 3/4"(19.05mm)	937333 3/4"(19.05mm)	936333 3/4"(19.05mm)
931134 1"(25.4mm)	932134 1"(25.4mm)	937334 1"(25.4mm)	936334 1"(25.4mm)
931135 1-1/4"(31.75mm)	932135 1-1/4"(31.75mm)	937335 1-1/4"(31.75mm)	936335 1-1/4"(31.75mm)
931136 1-1/2"(38.1mm)	932136 1-1/2"(38.1mm)	937336 1-1/2"(38.1mm)	936336 1-1/2"(38.1mm)
931138 2"(50.8mm)	932138 2"(50.8mm)	937338 2"(50.8mm)	936338 2"(50.8mm)



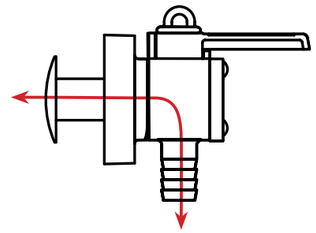
Seacock – Straight Barb Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931142 1/2"(12.7mm)	932142 1/2"(12.7mm)	937342 1/2"(12.7mm)	936342 1/2"(12.7mm)
931143 3/4"(19.05mm)	932143 3/4"(19.05mm)	937343 3/4"(19.05mm)	936343 3/4"(19.05mm)
931144 1"(25.4mm)	932144 1"(25.4mm)	937344 1"(25.4mm)	936344 1"(25.4mm)
931145 1-1/4"(31.75mm)	932145 1-1/4"(31.75mm)	937345 1-1/4"(31.75mm)	936345 1-1/4"(31.75mm)
931146 1-1/2"(38.1mm)	932146 1-1/2"(38.1mm)	937346 1-1/2"(38.1mm)	936346 1-1/2"(38.1mm)
931148 2"(50.8mm)	932148 2"(50.8mm)	937348 2"(50.8mm)	936348 2"(50.8mm)



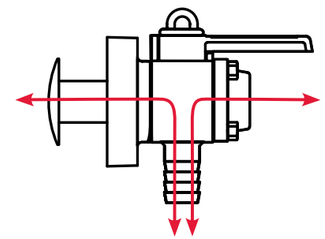
Seacock – 90° Barb Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931152 1/2"(12.7mm)	932152 1/2"(12.7mm)	937352 1/2"(12.7mm)	936352 1/2"(12.7mm)
931153 3/4"(19.05mm)	932153 3/4"(19.05mm)	937353 3/4"(19.05mm)	936353 3/4"(19.05mm)
931154 1"(25.4mm)	932154 1"(25.4mm)	937354 1"(25.4mm)	936354 1"(25.4mm)
931155 1-1/4"(31.75mm)	932155 1-1/4"(31.75mm)	937355 1-1/4"(31.75mm)	936355 1-1/4"(31.75mm)
931156 1-1/2"(38.1mm)	932156 1-1/2"(38.1mm)	937356 1-1/2"(38.1mm)	936356 1-1/2"(38.1mm)
931158 2"(50.8mm)	932158 2"(50.8mm)	937358 2"(50.8mm)	936358 2"(50.8mm)



Seacock – 90° Space Saver

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931262 1/2"(12.7mm)	932262 1/2"(12.7mm)	937462 1/2"(12.7mm)	936462 1/2"(12.7mm)
931263 3/4"(19.05mm)	932263 3/4"(19.05mm)	937463 3/4"(19.05mm)	936463 3/4"(19.05mm)
931264 1"(25.4mm)	932264 1"(25.4mm)	937464 1"(25.4mm)	936464 1"(25.4mm)
931265 1-1/4"(31.75mm)	932265 1-1/4"(31.75mm)	937465 1-1/4"(31.75mm)	936465 1-1/4"(31.75mm)
931266 1-1/2"(38.1mm)	932266 1-1/2"(38.1mm)	937466 1-1/2"(38.1mm)	936466 1-1/2"(38.1mm)
931268 2"(50.8mm)	932268 2"(50.8mm)	937468 2"(50.8mm)	936468 2"(50.8mm)



Y-Valve – Female Thread Top

Mushroom Thru-Hull	Flush Thru-Hull	Mushroom Screened Thru-Hull	Flush Screened Thru-Hull
931232 1/2"(12.7mm)	932232 1/2"(12.7mm)	937432 1/2"(12.7mm)	936432 1/2"(12.7mm)
931233 3/4"(19.05mm)	932233 3/4"(19.05mm)	937433 3/4"(19.05mm)	936433 3/4"(19.05mm)
931234 1"(25.4mm)	932234 1"(25.4mm)	937434 1"(25.4mm)	936434 1"(25.4mm)
931235 1-1/4"(31.75mm)	932235 1-1/4"(31.75mm)	937435 1-1/4"(31.75mm)	936435 1-1/4"(31.75mm)
931236 1-1/2"(38.1mm)	932236 1-1/2"(38.1mm)	937436 1-1/2"(38.1mm)	936436 1-1/2"(38.1mm)
931238 2"(50.8mm)	932238 2"(50.8mm)	937438 2"(50.8mm)	936438 2"(50.8mm)

Custom OEM Pro Series™ Valves/Seacocks

Use the Guide Below to Help Create a Custom Valve or Seacock Configuration



Select Valve Components for Your Custom Valve Using the Part Number Codes Shown Here

Just select your desired Base, Body & Top styles from the choices below and then enter the corresponding numbers into the appropriate column of the product number sequence table shown to the right.

An Example of a Custom Part Number for Part Shown to Left - Part# 931155

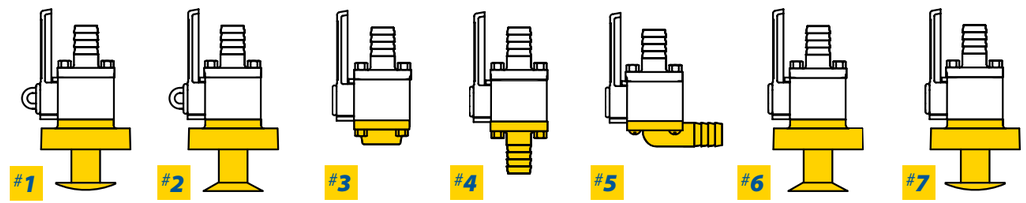
		Base #	Body #	Top #	Size #	Modifiers
9	3	1	1	5	5	Blank by Default

93 Remains Constant To Indicate Pro Series Valve

Select Size Using Chart On Next Page

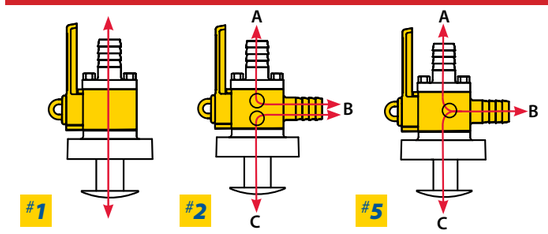
Step-by-Step Guide to Creating a Custom Valve Part Number

Select Base: *The third digit in the six digit sequence indicates the base, or bottom of the valve. Options are as follows:*



1 *Flanged, seacock base, mushroom head buttress threaded thru-hull included.*
2 *Flanged, seacock base, flush head buttress threaded thru-hull included.*
3 *Female NPT threads.*
4 *Straight barbed tailpipe.*
5 *90 degree elbow barbed tailpipe.*
6 *Flanged, seacock base, screened flush head buttress threaded thru-hull included*
7 *Flanged, seacock base, screened mushroom head buttress threaded thru-hull included.*

Select Body: *The fourth digit in the six digit sequence indicates the body, or middle section of the valve. Options are as follows:*

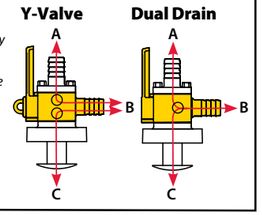


1 *Straight flow, single port ball valve*
2 *Double port Y-valve with body barb opposite the handle*
5 *Double port "Dual Drain" valve with the body barb opposite the handle*

The Difference Between Y-Valves and Dual Drain Valves

Y-Valve *- Y-valves have 3 modes: Off, A-B connected, and B-C connected. They can be used to divert water between a head system, a holding tank, and fresh water or to send raw water from a single input to two separate outputs.*

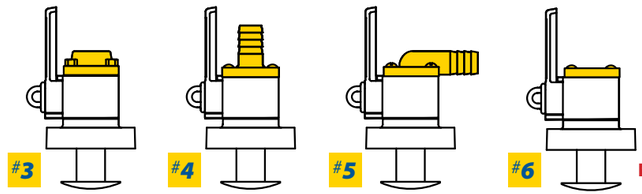
Dual Drain *- Dual Drain valves have 2 modes: A-B-C connected, and off. They can be used to provide raw water to multiple systems, or discharge multiple systems with a single drain.*



NOTES:

- *Valves with a standard buttress thread base include both a thru-hull and a thru-hull plug stored in the handle.*
- *Original OEM part numbers using body options 3, 4 and 6 are still available for order.*

Select Top: *The fifth digit in the six digit sequence indicates the top section of the valve. Options are as follows:*



3 *Female Threads*
4 *Straight Hose Barb Tailpipe*
5 *Low Profile 90 degree elbow hose barb.*
6 *Blank top only (used on very few configurations-with body 5 & 6 only)*
7 *NOT SHOWN - Female garden hose fitting (used only on engine flush-out valves-body #2 & 4)*

NOTE: Top elbows face away from the handle (as shown), unless otherwise specified with Modifier Code

Select Valve Size: *The sixth digit indicates valve size:*

Select the size of the valve from this chart and use the number below it in yellow as your "Size" # in your custom part #

Valve Size	1/2"	3/4"	1"	1 1/8"	1 1/4"	1 1/2"	2"
Use Part # Code	2	3	4	0-4	5	6	8

Select Optional Valve Modifiers Codes: *One or multiple special modifier option codes can be added to any part number:*

N ***NPSM Straight Threaded Base*** *- Specifies an NPSM straight threaded base for seacock valves, allowing the valve to be installed on a standard thru-hull. No thru-hull or handle plug will be included on a valve with this option.*
B ***BSP Threaded Base*** *- Specifies a BSP threaded base. (Not Available for ½" or ¾" Valves.) No thru-hull or handle plug is provided.*
L ***Left Facing Top Elbow*** *- Specifies top elbow faces left when looking directly down at the 4 metal screw heads with handle facing 6 o'clock*
R ***Right Facing Top Elbow*** *- Specifies top elbow faces right when looking directly down at the 4 metal screw heads with handle facing 6 o'clock*
E ***ROV Electric Motor*** *- Specifies the valve is to be used with an ROV electric motor. (OEM only – motor sold separately)*
V ***Anti-Venturi Thru-Hull*** *- Specifies an anti-venturi style thru-hull to be paired with the valve. Does not include thru-hull plug.*
K ***Locking Handle*** *- Specifies standard padlocks handle lock-off plate to satisfy USCG requirements (only available on 1" through 2" sizes)*
D ***Black Thru-Hull*** *- Black thru-hull (standard is white)*
X ***Extra Long Thru-Hull*** *- Extra long thru-hull; 5-3/4" of thread length (custom cut lengths available)*
H ***Hammerhead Handle*** *- Specifies new compact easy-grip handle (see below)*
SS ***Stainless Steel*** *- Specifies Marelon thru-hull capped with high grade stainless steel*

Create Your Custom Part Number *Use this table to help create your custom valve part number*

Enter Your Custom Part Options Below

Remains Constant Indicates Pro Series Valve		Base #	Body #	Top #	Size #	Modifier 1	Modifier 2	Modifier 3
9	3							

Modifiers Blank by Default

Scan to Download an Interactive PDF Guide to Creating Your Custom Valves

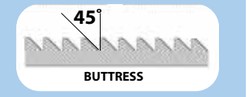
Pro Series Valves Thru-Hull Threads

Thread Types

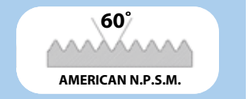
Marelon Pro Series seacocks come standard with extra-strong buttress threads, and must be used with their included thru-hull.

All seacocks can be ordered with optional NPSM threads that will fit most other thru-hulls by including the "N" modifier in your custom valve part number above.

All threaded attachments should be made with Teflon tape or marine sealant.



Standard



Optional

Extra Long Thru-Hull - X



Hammer Head Handle - HH
Space Saving Easy Grip Handle

Marelon® Pro Series™ Valve Technical Data

A Word On Thread Compatibility

Pro Series Seacock Valves Use Buttress Threaded Thru-hulls

All seacock style Pro Series valves come equipped with their own Marelon thru-hull valve. These thru-hulls feature a "buttress" style thread with flat thread faces that provide superior strength for below-the-waterline use. This buttress thread type is ONLY used for the thru-hulls and seacock base connections. All other Marelon threaded connections use NPSM threading. Pro Series valves can also be special ordered with NPSM threaded bases for use with common metal thru-hulls.



NPSM vs. NPT Threaded Parts

ALL Marelon valves and fittings outside of the previously mentioned Pro Series buttress thru-hulls feature straight NPSM threads for all other threaded connection. NPSM threads are used for most marine plumbing applications in the US and we recommend that these parts be securely mated with other NPSM parts using Teflon tape or common marine thread sealants.

Some parts from other manufacturers feature NPT threads, which share the same thread form and pitch as NPSM threads of the same size, but are cut narrower near the end of the thread to facilitate sealing. NPT and NPSM threads can be used together with a liberal application of marine sealant but Forespar does not warranty this usage.



Special Ordered NPSM Pro Series Valves & BSP Threaded Marelon Parts Available

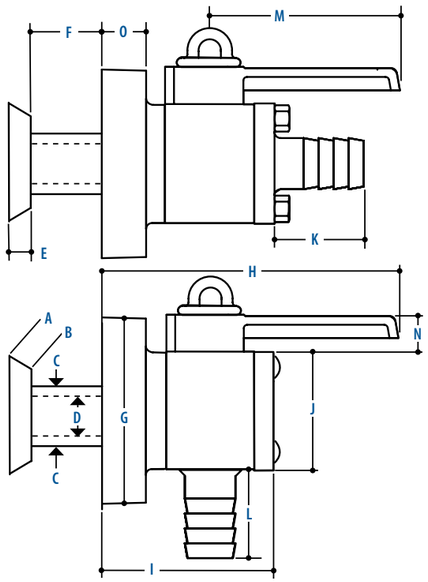
Contact Us for Details and Order Minimums

BSP Threads and Other Thread Standards

British Standard Pipe (BSP) threads are commonly used in Europe and are incompatible with NPSM threads. Forespar makes our range of valves and many of our plumbing parts available with BSP threads by special order, contact Forespar if you have need of these parts.

Marelon® Pro Series Hose Barb Valve Specs

Marelon® Pro Series Hose Barb Valves allow for quick and secure hose installation through a wide array of sizes. Valves can also be configured with a combination of horizontal or vertical ports to adapt for tight hull spaces.



Pro Series Critical Dimension Table

Corresponding Diagram Dimension	Valve Sizes		
	Small 1/2" (12.7 mm) 3/4" (19.05 mm)	Medium 1" (25.4 mm) 1-1/4" (31.75 mm)	Large 1-1/2" (38.1 mm) 2" (50.8 mm)
A - TH HEAD MAJOR DIA.	1.7" (44 mm)	2.2" (56 mm)	2.8" (71 mm)
B - TH HEAD MINOR DIA.	1.3" (32.5 mm)	1.7" (43 mm)	2.2" (55 mm)
C - TH THREAD OUTSIDE DIA.	1.1" (28 mm)	1.6" (41 mm)	2.1" (53 mm)
D - TH INSIDE DIA.	0.6" (16 mm)	1.05" (27 mm)	1.7" (42 mm)
E - TH HEAD THICKNESS	0.25" (6 mm)	0.25" (6 mm)	0.24" (6 mm)
F - MAX TH THREAD LENGTH ✻	2.4" (61 mm)	2.4" (61 mm)	2.4" (61 mm)
G - KING NUT DIA.	3.1" (80 mm)	3.75" (95 mm)	4.2" (107 mm)
H - HEIGHT WITH HANDLE	4.5" (114 mm)	6.2" (157 mm)	7.6" (194 mm)
I - OVERALL BODY HEIGHT	3.2" (81 mm)	4" (102 mm)	5.25" (133 mm)
J - BODY WIDTH	1.75" (45 mm)	2.3" (59 mm)	3.1" (79 mm)
K - BARB LENGTH	1.3" (33 mm)	1" barb = 1.25" long (32 mm); 1-1/4" barb = 1.50" long (38 mm)	1.5" (38 mm)
L - SIDE BARB LENGTH	1.5" (37 mm)	1.5" (38 mm)	1.75" (45 mm)
M - HANDLE LENGTH (from axis)	2.5" (64 mm)	4" (102 mm)	5" (127 mm)
N - HANDLE STICK OUT	0.6" (15 mm)	0.8" (20 mm)	1" (25.4 mm)
APPX. WEIGHT	10 oz (0.28 kg)	18 oz (0.51 kg)	28 oz (0.79 kg)
O - KING NUT THICKNESS	0.9" (23 mm)	1" (25 mm)	1.1" (28 mm)

✻ DISTANCE FROM BASE OF SEACOCK TO BOTTOM OF THE HEAD WITH MINIMUM SAFE THREAD ENGAGEMENT OF 5 THREADS

Threaded Base Pro Series Inline Valves



All Marelon® Pro Series Valves Are:

ABYC COMPLIANT · UL LISTED · ISO CERTIFIED · CE CERTIFIED · INCE CERTIFIED

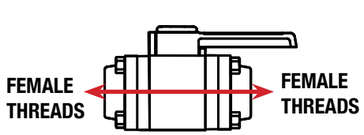
Forespar's Pro Series line of valves is designed to meet the demanding requirements of boat builders who need a product tailored to their specific installations, and boat owners who want the most reliable and rugged plumbing available. We stand behind this line with decades of experience, and a robust warranty.

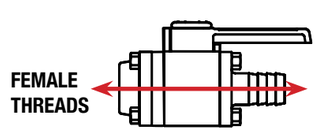
Pro series valves can be specified as inline valves, seacocks, Y-valves and dual drains and all feature a three-part construction that enables their versatility and long-term maintainability. Each valve can be easily disassembled for cleaning, as well as to replace the O-rings - a necessary maintenance procedure in every valve on the market. Our seacock valves come with their own thru-hulls in screened, flush, as well as anti-venturi styles. We also include a thru-hull plug where applicable that slots right into the handle, so owners can perform maintenance without having to haul the boat by plugging the thru-hull from the outside.

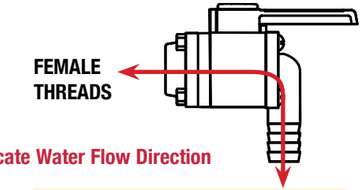
In addition to what is available using our part number configuration, there are even more modifications available for OEMs including longer and shorter thru-hulls, and pre-packaged kits to reduce clutter and confusion on the factory floor.

Pro Series Hose Barb Inner (I.D.)

Valve Size	Hose Barb Inner I.D.
1/2"(12.7mm)	0.462"(11.73mm)
3/4"(19.05mm)	0.52"(13.20mm)
1"(25.4mm)	0.790"(20.06mm)
1-1/4"(31.75mm)	1.05"(26.67mm)
1-1/2"(38.1mm	1.25"(31.75mm)
2"(50.8mm)	1.54"(39.11mm)







Arrows Indicate Water Flow Direction

Valve P/N	Size
933332	1/2"(12.7mm)
933333	3/4"(19.05mm)
933334	1"(25.4mm)
933335	1-1/4"(31.75mm)
933336	1-1/2"(38.1mm)
933338	2"(50.8mm)

Valve P/N	Size
933342	1/2"(12.7mm)
933343	3/4"(19.05mm)
933344	1"(25.4mm)
933345	1-1/4"(31.75mm)
933346	1-1/2"(38.1mm)
933348	2"(50.8mm)

Valve P/N	Size
933352	1/2"(12.7mm)
933353	3/4"(19.05mm)
933354	1"(25.4mm)
933355	1-1/4"(31.75mm)
933356	1-1/2"(38.1mm)
933358	2"(50.8mm)

Remote Operated Valves

ROV Motors for Pro Series Valves

Marelon ROV motors offer the ultimate electronic control and are compatible with hundreds of Pro Series valves. Only available for OEM installation, these powerful motors are designed for boat builders wishing to offer their customers the convenience of electronically operating their seacocks without the need to reach into the bilge to open or close the valves when needed. Tested, certified and easy to install, they are a powerful option that help distinguish your boats from others.



Available to qualified OEMs only All ROV motors must be ordered with a matched Pro Series Valve, which will arrive assembled to the motor as a complete unit.

ROV3 Remote Valve Motor

Compact ROV Motors for Pro Series Valves

Our ROV3 Remote Operated Valve motors are the most powerful, compact and efficient valve motor in the Marelon line. Thoroughly tested to stand up to years of usage in harsh conditions, they are easily integrated into any boat control system to allow for reliable electronic actuation of the hardest to reach valves. They can also be configured in a variety of wiring configurations, and paired with any of the thousands of available Pro Series valves.



- **Powerful Motor Outputs 250 Inch-Pounds of Torque**
- **Light Weight and Compact for Tight Installations**
- **UL Approved, ISO Certified, ABYC Compliant**
- **Waterproof, Ignition Safe, Meets Ip67 Standard**
- **12v Motor Draws Less Than 1 amp**
- **Simple Open/Closed Activation**
- **Easy Manual Override with Integrated Wrench**

Part No.	Model
930632	Large ROV motor assembly for 1-1/2” to 2” Pro Series seacocks
930631	Medium ROV motor assembly for 1” to 1-1/4” Pro Series seacocks
930630	Small ROV motor assembly for 1/2” to 3/4” Pro Series seacocks

ROV Motor Only - Pro Series Valves Sold Seperately

ROV2 Two Wire Motor

Includes Switch for Simple All-In-One Installation

For use with Pro Series seacocks, the ROV2 motor comes complete with a lighted push button switch for easy installation with only 2 wires to run.



- **Switch Indicator Lights Confirm Valve Status**
- **Exceeds ISO Water Intrusion & Explosion Hazard Standards**
- **Compatible with Both 12v and 24v Systems**

Part No.	Model
930247	Large ROV motor assembly for 1-1/2” to 2” Pro Series valves
930246	Medium ROV motor assembly for 1” to 1-1/4” Pro Series valves
930245	Small ROV motor assembly for 1/2” to 3/4” Pro Series valves

ROV Motor Only - Pro Series Valves Sold Seperately

ROV Motor Bracket for Inline Valves

Optional Motor Bracket for Secure Mounting Inline Pro Series Valves

Our NEW Inline ROV Motor Backet allow Pro Series Inline Valves to be used with ROV Valve Motors .

Part No.	Model
930623	Small ROV3 Inline Bracket for use with 1/2” to 3/4” valves
930624	Medium ROV3 Inline Bracket) for use with 1” to 1-1/4” valves
930625	Large ROV3 Inline Bracket for use with 1-1/2” to 2” valves



NEW

More Marelon Valve Options

Triple Drain Pro Series Valves

Our new Triple Drain seacock valve allows you to consolidate up to three drain outputs into one valve and thru-hull. This helps minimize the space and number of valves needed in a boat design. It also helps limit the number of thru-hull holes needed. Also available in all sizes from 3/4” through 1-1/2” including multiple sizes per manifold, please contact us for more info.

Part No.	Model
931136HTD6	1-1/2” Pro Series Triple Drain Seacock, Hammer Head Handle
931136TD6	1-1/2” Pro Series Triple Drain Seacock, Standard Handle
931136HTD0-4	1-1/8” Pro Series Triple Drain Seacock, Hammer Head Handle
931136TD0-4	1-1/8” Pro Series Triple Drain Seacock, Standard Handle
931136HTD4	1” Pro Series Triple Drain Seacock, Hammer Head Handle
931136TD4	1” Pro Series Triple Drain Seacock, Standard Handle
931136HTD3	3/4” Pro Series Triple Drain Seacock, Hammer Head Handle
931136TD3	3/4” Pro Series Triple Drain Seacock, Standard Handle



NEW



Y-Valves

Molded from tough Marelon composite, our Y-valves are available in barb sizes from 3/4” to 1-1/2” and are easily mountable to a bulkhead. These valves are perfect for diverting liquids between different outputs or tanks, and are operated with a simple 120 turn of the handle

Y-valves should not be installed below the waterline. Our Pro Series Y-Valve seacocks are ideal for this.

Y-Valves Part No.	Model No.	Barb Size
902000	MF 852	1-1/2”(38.1mm)
902001	MF 853	1”(25.4mm)
902006	Y-Valve Parts Kit	(fits 1” & 1-1/2”)
902017	MF 854	3/4”(19.05mm)
902018	MF 855	1-1/8”(28.57mm)

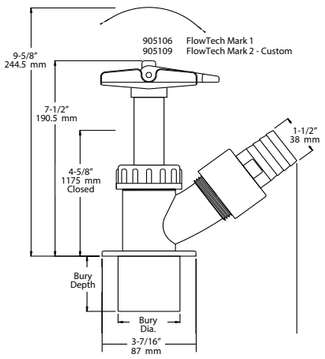
Flowtech™ Racing Valve

The Racer’s Choice for Flush Surface Valves



For compatible 1-1/2” fittings see Female NPSM Threaded Barb fittings on page 16

Flowtech™ free-flow sea valves incorporate the valve body, thru-hull and the choice of all three sizes of hose pipe connections all in one set. These high performance valves are available for 3/4”(19.05mm), 1”(25.14mm) & 1-1/2”(38.1mm) hose sizes. The Flowtech™ valve pipe can be faired smooth to the boat’s outer skin so that when the valve is closed, the internal plunger and valve pipe creates a flush, fair & fast outer surface. Made of Marelon®. The Mark II valve features a longer and wider threaded base than the Mark I, see dimensions below.



Description	P/N	Wt
Flowtech™ Valve Mark I	905106	1.502 oz
Flowtech™ Valve Mark II	905109	1.702 oz
Flowtech™ Mark I Repair Kit	905107	
Flowtech™ Mark II Repair Kit	905112	

Bury Info	Depth	Dia.
Flowtech™ Valve Mark I	1-3/8” (35mm)	1-7/8” (47.6mm) Flowtech™
Flowtech™ Valve Mark II	2-1/16” (52mm)	2-1/4” (57mm)

Flowtech valve components are incompatible with any other manufacturer’s product

Pro Series® Valve Options



Pro Series Engine Flush Out Valve

Engines running in salt or brackish water need to be flushed with fresh water after use to prevent costly corrosion during Winter or off-season storage. Our Pro Series Engine Flush Out valve is designed as a quick and easy way to do this with a single valve installation. This Seacock/Y-Valve configuration includes a brass garden hose connection to facilitate regular fresh water engine flushing. Valve includes a thru-hull that must be used to ensure a proper seal.

Includes Mushroom Thru-hull

Hose Barb Diameter	Open Mushroom Thru-Hull Part No	Screened Mushroom Part No
1”	931274	937474
1-1/4”	931275	937475
1-1/2”	931276	937476
2”	931278	937478

Anti-Venturi Thru-Hull

Forespar offers our Pro Series valves with Anti-Venturi thru-hulls for installations where steady, controlled water flow is needed on high-speed boats. These custom thru-hulls were tested on boats at varying speeds and turn rates up to 45 mph. On a 3/4” generator intake line with this thru-hull fitted, 0” to ~5” of vacuum was noted. This did not present a pressure situation which could potentially push water past the vanes of an older impeller and flood the cylinders or starve it of cooling water. The unique notch and lowered ramp in the leading edge (photo-front) provides a force-feed effect. To keep this force from overwhelming equipment impellers, the exit slot allows water flow to exit at a controlled rate. Just add a ‘V’ to the end of your Pro Series valve part number to specify this option for your part.



Arrow Indicates Water Flow Direction

Pro Series™ Locking Handle Option

Forespar offers an optional locking plate installed at the factory on any Pro Series Seacocks. These locking plates allow the handle to be set in the closed position and a pad-lock used to positively lock the valve closed. This feature will satisfy the USCG requirements for locking overboard discharged head system seacocks in the closed, no discharge position.



Part No	Description
930136	Optional handle lock for 1”(25.4mm) & 1-1/4”(31.75mm)
930137	Optional handle lock for 1-1/2”(38.1mm) & 2”(50.8mm)

Note: - Forespar does not supply the padlock. Valve locks are not sold separately and are not a retrofit item.

Seacock, Thru-Hull & Connector Retail Pack

Package Helps Eliminate Cross-Threading Errors

For Marelon retailers, we now offer 6 common Pro Series valve sizes in a retail bag package for peg-hook display. This integrated 4-part system comes complete with valve, 90° hose barb connector, straight hose barb connector, and a properly matched mushroom head thru-hull with “buttress” type threading. This package is designed to eliminate common valve and thru-hull thread style mismatches associated with after market installations. Comes standard with buttress threaded thru-hull.



Complete Retrofit Retail Valve Kit

Part No	Description	Hose Barb OD	Thru-Hull OD
904042ABYC	Valve Replacement Kit	1/2” 13mm	1-1/4” 32mm
904043ABYC	Valve Replacement Kit	3/4” 19mm	1-1/4” 32mm
904044ABYC	Valve Replacement Kit	1” 25mm	1-3/4” 44mm
904045ABYC	Valve Replacement Kit	1-1/4” 32mm	1-3/4” 44mm
904046ABYC	Valve Replacement Kit	1-1/2” 38mm	2-1/4” 57mm
904048ABYC	Valve Replacement Kit	2” 51mm	2-1/4” 57mm

Marelon® 850/849 Series Valves

Our tried and true 850/849 series line of valves are available in sizes from 1/2” to 2”, and are designed as a direct replacement for in-line bronze valves. These simple and rugged valves can accept a variety of attachments and are available in the traditional 3-bolt flanged seacock style. They offer less flexibility and repairability than our Pro Series line, but can serve as an economical alternative when a simple, rugged valve is ideal for your installation.

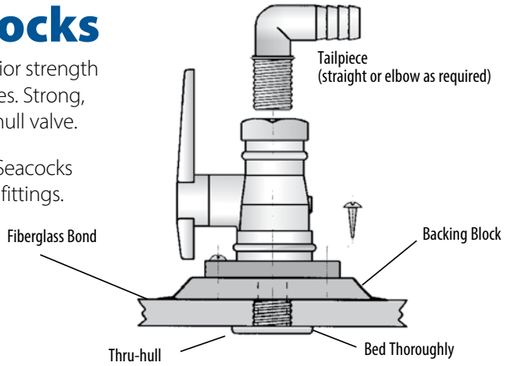
849 Flange Mounted Seacocks

Forespar’s Flange Mounted Seacocks made with Marelon ® offer superior strength and corrosion resistance compared to conventional bronze type valves. Strong, lightweight, corrosion and electrolysis free, they make the ideal thru-hull valve.

Available in most common sizes and thread configurations, Marelon Seacocks can be used as replacement valves for most existing marine thru-hull fittings.



MF 849



Part No.	Model No.	Thread Size	Height	Height w/Handle	Base
904009	MF 849 1/2”	1/2”(12.7mm)	3”(76.2mm)	4”(101.6mm)	3”(76.2mm)
904010	MF 849 3/4”	3/4”(19.05mm)	3”(76.2mm)	4”(101.6mm)	3”(76.2mm)
904011	MF 849 1-1/2”	1-1/2”(38.1mm)	5”(127mm)	8”(203.2mm)	6”(152.4mm)

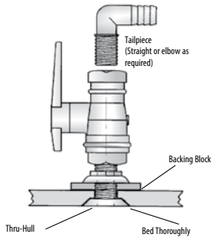
850 Ball Valves

Forespar’s MF 850 series of Ball Valves are precision molded in high strength Marelon ®. Their great strength, light weight, and complete freedom from corrosion and electrolysis make them the ideal valve for controlling inlet and outlet water requirements above and below the waterline.

Our engineers opened and closed one of our 3/4”(19.05mm) valves 11,000 times, then submerged it in water with an air line pressurized to 40 p.s.i. connected to it. The result was an absolutely leak free condition with no evidence of internal seal wear. Valves sold throughout the U.S.A. have NPT type threads. If specified, B.S.P. are available outside of America.



MF 850



Part No.	Model No.	Thread Size	Body Dia.	Body Length	Length w/Handle
905100	MF 850 1/2”	1/2”(12.7mm)	1-7/8”(47.62mm)	3”(76.2mm)	4”(101.6mm)
905101	MF 850 3/4”	3/4”(19.05mm)	1-7/8”(47.62mm)	3”(76.2mm)	4”(101.6mm)
905102	MF 850 1“	1”(25.4mm)	2-3/4”(69.85mm)	4-3/4”(120.65mm)	5-1/2”(139.7mm)
905103	MF 850 1”-1/4”	1-1/4”(31.75mm)	2-3/4”(69.85mm)	4-7/8”(123.82mm)	5-3/4”(146.05mm)
905104	MF 850 1”-1/2”	1-1/2”(38.1mm)	3-1/2”(88.9mm)	5”(127mm)	7-1/2”(190.5mm)
905105	MF 850 2”	2”(50.08mm)	4-1/4”(107.95mm)	5-7/8”(149.22mm)	8”(203.2mm)

TECH TIPS

Valves Are A Maintenance Item

Our valves will never corrode, but like any moving part in a marine environment, they require regular inspection and lubrication. Encourage your customers to regularly actuate the handle and lubricate the seals.

For proper and easy valve lubrication, we recommend our MareLube Reach valve lubrication kit. It allows your customers to inject the correct lubrication directly onto the valve’s moving parts using a pre-loaded syringe and extension tube. Water pump grease or mineral oil can also be used if necessary.

MareLube REACH Kit - 770049 - forespar.com



Marelon® Thru-Hull Connectors

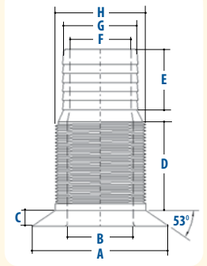
Forespar offers a full line of thru-hull connectors in both flush and mushroom headed varieties, with or without a screened intake. These lightweight, corrosion-free parts are crafted in our California factory from high-strength Marelon with NPSM threads and are suitable for above and below waterline use. They can be combined with an elbow connector from the following pages if a 90 degree intake is needed.

250 Series

Flush Head
Full NPSM Threaded







Open Intake

Part #	Model	Thread Size	Length
906000	CF 250 1/2	1/2" (12.7mm)	2" (50.8mm)
906002	CF 250 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906004	CF 250 1	1" (25.4mm)	2.375" (60.32mm)
906006	CF 250 1-1/4	1-1/4" (31.75mm)	3" (76.2mm)
906008	CF 250 1-1/2	1-1/2" (38.1mm)	3" (76.2mm)

Screened Intake

Part #	Model	Thread Size	Length
906001	CF 250S 1/2	1/2" (12.7mm)	2" (50.8mm)
906003	CF 250S 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906005	CF 250S 1	1" (25.4mm)	2.375" (60.32mm)
906007	CF 250S 1-1/4	1-1/4" (31.75mm)	3" (76.2mm)
906009	CF 250S 1-1/2	1-1/2" (38.1mm)	3" (76.2mm)

CORRESPONDING DIMENSION FROM DRAWING

Size	A	B	C	D	E	F	G	H
1/2"(12.7mm)	2.375" (60.32mm)	0.430" (10.92mm)	0.335" (8.5mm)	2.000" (50.8mm)	N/A	N/A	N/A	0.810" (20.57mm)
3/4"(19.05mm)	2.430" (61.72mm)	0.665" (16.89mm)	0.320" (8.1mm)	2.250" (57.15mm)	N/A	N/A	N/A	1.015" (25.78mm)
1"(25.4mm)	2.835" (72mm)	0.875" (22.22mm)	0.320" (8.1mm)	2.375" (60.32mm)	N/A	N/A	N/A	1.285" (32.63mm)
1-1/4"(31.75mm)	2.820" (71.63mm)	1.115" (28.32mm)	0.325" (8.25mm)	3.000" (76.2mm)	N/A	N/A	N/A	1.635" (41.52mm)
1-1/2"(38.1mm)	2.562" (65.07mm)	1.380" (35.05mm)	0.320" (8.1mm)	3.000" (76.2mm)	N/A	N/A	N/A	1.850" (46.99mm)

251 Series

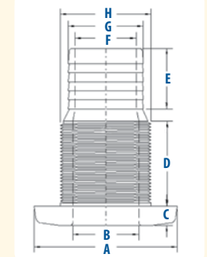
Mushroom Head
Full NPSM Threaded

Black Stainless Crowned Thru-Hulls
Now Available (Add SS to End of Part#)









Open Intake

Part #	Model	Thread Size	Length
906010	CF 251 1/2	1/2" (12.7mm)	2" (50.8mm)
906012	CF 251 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906014	CF 251 1	1" (25.4mm)	2.375" (60.32mm)
906016	CF 251 1-1/4	1-1/4" (31.75mm)	3" (76.2mm)
906018	CF 251 1-1/2	1-1/2" (38.1mm)	3" (76.2mm)
906020	CF 251 2	2" (50.8mm)	3" (76.2mm)

Screened Intake

Part #	Model	Thread Size	Length
906011	CF 251S 1/2	1/2" (12.7mm)	2" (50.8mm)
906013	CF 251S 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906015	CF 251S 1	1" (25.4mm)	2.375" (60.32mm)
906017	CF 251S 1-1/4	1-1/4" (31.75mm)	3" (76.2mm)
906019	CF 251S 1-1/2	1-1/2" (38.1mm)	3" (76.2mm)
906021	CF 251S 2	2" (50.8mm)	3" (76.2mm)

CORRESPONDING DIMENSION FROM DRAWING

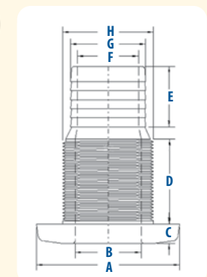
Size	A	B	C	D	E	F	G	H
1/2" (12.7mm)	1.500" (38.1mm)	0.448" (11.37mm)	0.256" (6.5mm)	2.125" (53.97mm)	N/A	N/A	N/A	0.810" (20.57mm)
3/4" (19.05mm)	2.084" (52.93mm)	0.690" (17.52mm)	0.335" (8.5mm)	2.25" (78.56mm)	N/A	N/A	N/A	1.028" (26.11mm)
1" (25.4mm)	2.345" (59.56mm)	0.880" (22.35mm)	0.288" (7.31mm)	2.400" (60.96mm)	N/A	N/A	N/A	1.282" (32.56mm)
1-1/4" (31.75mm)	2.650" (67.31mm)	1.110" (28.19mm)	0.345" (8.76mm)	2.950" (74.93mm)	N/A	N/A	N/A	1.615" (41.02mm)
1-1/2" (38.1mm)	2.940" (74.67mm)	1.360" (34.54mm)	0.345" (8.76mm)	2.950" (74.93mm)	N/A	N/A	N/A	1.850" (46.99mm)
2" (38.1mm)	3.511" (89.17mm)	1.842" (46.78mm)	0.375" (9.5mm)	2.890" (73.41mm)	N/A	N/A	N/A	2.320" (58.92mm)

253 Series

Mushroom Head
NPSM to Hose Barb Tailpipe







Open Intake

Black Stainless Crowned Thru-Hulls
Now Available (Add SS to End of Part#)

Part #	Model	Hose
906022	CF 253 1/2	1/2" – 5/8" (12.7 – 15.87mm)
906024	CF 253 3/4	3/4" (19.05mm)
906026	CF 253 1	1" (25.4mm)
906070	CF 253 1-1/8	1-1/8" (28.57mm)
906028	CF 253 1-1/4	1-1/4" (31.75mm)
906030	CF 253 1-1/2	1-1/2" (38.1mm)
906032	CF 253 2	2" (50.8mm)



Screened Intake

Part #	Model	Hose
906023	CF 253S 1/2	1/2" – 5/8" (12.7 – 15.87mm)
906025	CF 253S 3/4	3/4" (19.05mm)
906027	CF 253S 1	1" (25.4mm)
906071	CF 253S 1-1/8	1-1/8" (28.57mm)
906029	CF 253S 1-1/4	1-1/4" (31.75mm)
906031	CF 253S 1-1/2	1-1/2" (38.1mm)
906033	CF 253S 2	2" (50.8mm)

CORRESPONDING DIMENSION FROM DRAWING

Size	A	B	C	D	E	F	G	H
1/2" (12.7mm)	1.506" (38.25mm)	0.505" (12.82mm)	0.265" (6.73mm)	1.490" (37.84mm)	0.975" (24.76mm)	0.439" (11.15mm)	0.657" (16.68mm)	0.812" (20.62mm)
3/4" (19.05mm)	2.100" (53.34mm)	0.670" (17.01mm)	0.325" (8.25mm)	1.677" (42.59mm)	1.028" (26.11mm)	0.535" (13.58mm)	0.770" (19.55mm)	1.015" (25.78mm)
1" (25.4mm)	2.350" (59.69mm)	0.958" (24.33mm)	0.295" (7.49mm)	1.695" (43.05mm)	1.085" (27.55mm)	0.797" (20.24mm)	1.015" (25.78mm)	1.280" (32.51mm)
1-1/4" (31.75mm)	2.675" (67.94mm)	1.194" (30.32mm)	0.327" (8.3mm)	1.818" (46.17mm)	1.280" (32.51mm)	1.021" (25.93mm)	1.273" (32.33mm)	1.615" (41.02mm)
1-1/2" (38.1mm)	2.933" (74.49mm)	1.350" (34.29mm)	0.345" (8.76mm)	1.875" (47.62mm)	1.280" (32.51mm)	1.258" (31.95mm)	1.530" (38.86mm)	1.850" (46.99mm)
2" (50.8mm)	3.511" (89.17mm)	1.842" (46.78mm)	0.375" (9.5mm)	1.875" (47.62mm)	1.350" (34.29mm)	1.610" (40.89mm)	2.018" (51.25mm)	2.320" (58.92mm)

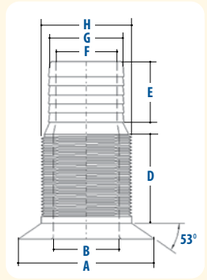
Marelon® Thru-Hulls (continued)

254 Series

Flush Head
NPSM to Barb Tailpipe







Open Intake

Part No.	Model No.	Thread Size & Hose I.D.	Thread Length
906038	CF254 1-1/4	1-1/4"(31.75mm)	1-3/4"(44.45mm)
906036	CF 254 1-1/2	1-1/2"(38.1mm)	1-3/4"(44.45mm)
906034	CF 254 2	2"(50.8mm)	1-3/8"(34.92mm)
906039	CF 254 1-5/8	1-5/8"(41.27mm)	1-3/8"(34.92mm)

Screened Intake

Part No.	Model No.	Thread Size & Hose I.D.	Thread Length
906037	CF 254S 1-1/2	1-1/2"(38.1mm)	1-3/4"(44.45mm)
906035	CF 254S 2	2"(50.8mm)	1-3/8"(34.92mm)

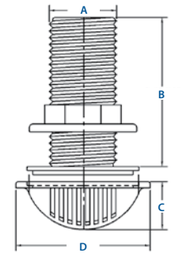
CORRESPONDING DIMENSION FROM DRAWING

Size	A	B	C	D	E	F	G	H
1-1/4"(31.75mm)	2.805"(71.24mm)	1.164"(29.56mm)	0.316"(8.02mm)	1.500"(38.1mm)	1.280"(32.51mm)	0.945"(24mm)	1.260"(32mm)	1.615"(41.02mm)
1-1/2"(38.1mm)	2.805"(71.24mm)	1.406"(35.71mm)	0.316"(8.02mm)	1.500"(38.1mm)	1.280"(32.51mm)	1.115"(28.32mm)	1.475"(37.46mm)	1.850"(46.99mm)
2"(50.8mm)	3.525"(89.53mm)	1.672"(42.46mm)	0.325("8.25mm)	1.500"(38.1mm)	1.300"(33.02mm)	1.480"(37.59mm)	2.018"(51.25mm)	2.320"(58.92mm)

Scoop Strainers

These high-strength, high-speed strainers are also made of non-corrosive Marelon®. A two piece construction allows for easy installation. Available in 3/4"(19.05mm) and 1-1/4"(31.75mm) thread sizes.





Part No.	Model No.	Thread Size	A	B	C	D
906059	MF 867 3/4	3/4"(19.05mm)	1-1/32"(26.18mm)	2-1/4"(57.15mm)	1"(25.4mm)	3-1/8"(79.37mm)
906060	MF 868 1-1/4	1-1/4"(31.75mm)	1-5/8"(41.27mm)	2-15/16"(74.42mm)	1"(25.4mm)	3-3/8"(85.72mm)
906061	MF 865 3/4	scoop only			1"(25.4mm)	3-1/8"(79.37mm)
906062	MF 866 1-1/4	scoop only			1"(25.4mm)	3-3/8"(85.72mm)

Screens can be epoxied to the hull to eliminate additional holes in the gel-coat. Scoop screens can also be used over other thru-hulls (flush head styles are best) whenever a force feed is required.

Speed Scoop

Forespar's new Speed Scoop is designed for higher velocity and volume applications. Intended for use in powerboats and speedboats of all types, the Speed Scoop maximizes water intake flow while minimizing drag and turbulence. Standard kit includes NPSM thru-hull. Large Speed Scoop Kit includes buttress thread thru-hull for use with Pro Series valves.

See page 6 for ordering. Use Modifier Code "Z."





See Scoop Strainer diagram above for dimension reference points

Part No.	Model No.	Thread Size	A	B	C	D
906060SS	Speed Scoop Kit	1-1/4"(31.75mm)	1- 5/8"(41mm)	2-15/16"(74.42mm)	1"(25.4mm)	3-3/8"(85.72mm)
906062SS	Speed Scoop Only	No thru-hull included			1"(25.4mm)	3-3/8"(85.72mm
See Page 6	Large Speed Scoop Kit	2.1"(53mm)	2-1/8"(53.98mm)	2-15/16"(74.42mm)	1-3/8"(34.9mm)	2-1/2"(63.5mm)
906062SSL	Large Speed Scoop Only	No thru-hull included			1-3/8"(34.9mm)	2-1/2"(63.5mm)

All thru-hull connectors must be installed with proper bedding compound. We recommend a maximum torque setting of 20 lb/ft. For series 250, series 251 and series 253 thru-hull connectors.

Marelon® Connectors

NPSM Tailpipes / Hose Connectors

The perfect choice for joining hose lines to Forespar® Ball Valves and Seacocks, our tailpipes are made from high-strength glass-reinforced Marelon® using NPSM standard threads. .

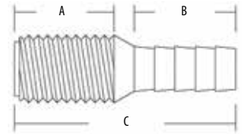


Available in Black or Clear View

Clear View Connectors Not For Use With Petroleum Products

Part No.	Model No.	Thread Size	Tailpipe Dia.	A	B	C
905006	CF 252 1/2	1/2"(12.7mm)	5/8"(15.87mm)	1"(24.4mm)	1"(24.4mm)	2-1/4"(57.15mm)
905007	CF 252 3/4	3/4"(19.05mm)	3/4"(19.05mm)	1"(24.4mm)	1"(24.4mm)	2-3/8"(60.32mm)
905008	CF 252 1	1"(24.4mm)	1"(24.4mm)	1-1/2"(38.1mm)	1-1/16"(26.98mm)	2-7/8"(73.02mm)
905009	CF 252 1-1/4	1-1/4"(31.75mm)	1-1/4"(31.75mm)	1-5/8"(41.27mm)	1-1/4"(31.75mm)	3-1/4"(82.55mm)
905010	CF 252 1-1/2	1-1/2"(38.1mm)	1-7/16"(36.51mm)	1-7/16"(36.51mm)	1-1/8"(28.57mm)	2-5/8"(66.67mm)
905011	CF 252 2	2"(50.8mm)	2"(50.8mm)	1-11/16"(42.88mm)	1-1/4"(31.75mm)	3-1/4"(82.55mm)
905016	CF 252 1-1/8	1"(24.4mm)	1-1/8"(28.57mm)	1"(24.4mm)	1-1/16"(26.98mm)	2-7/8"(73.02mm)
905017	CF 252 1-1/2	1-1/2"(38.1mm)	1-1/4" (31.75mm)	1-7/16 "(36.51mm)	1-1/4" (31.75mm)	2-5/8" (66.67mm)

Add a "C" after the above part numbers for CLEAR VIEW fittings



Tapered NPT Threads Connectors

Part No.	Model No.	Thread For Size	Tube I.D.
910146	HC 4x4	1/4"(6.35mm)	1/4"(6.35mm)
910147	HC 4x5	1/4"(6.35mm)	5/16"(7.93mm)
910148	HC 4x6	1/4"(6.35mm)	3/8"(9.52mm)
910149	HC 4x8	1/4"(6.35mm)	1/2"(12.7mm)
910150	HC 6x6	3/8"(9.52mm)	3/8"(9.52mm)
910154	HC 6x8	3/8"(9.52mm)	1/2"(12.7mm)
910156	HC 8x8	1/2"(12.7mm)	1/2"(9.52mm)
910157	HC 8x12	1/2"(12.7mm)	3/4"(12.7mm)
910158	HC 12x8	3/4"(19.05mm)	1/2"(12.7mm)
910159	HC 12x12	3/4"(19.05mm)	3/4"(19.05mm)
910160	HC 12x16	3/4"(19.05mm)	1"(24.4mm)
910168	HC 20x24	1-1/4"(31.75mm)	1-1/2"(38.1mm)

Female NPSM Threaded Barbed

Made of high strength glass-reinforced Marelon®.



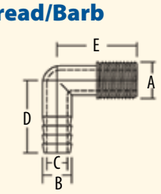
Part No.	Model No.	Part No.	Model No.
901014	1/2"(12.7mm) FPT to 5/8"(15.87mm) HOSE BARB	905015	1-1/2"(38.1mm) FPT to 1-1/8"(28.57mm) HOSE BARB
901015	3/4"(19.05mm) FPT to 3/4"(19.05mm) HOSE BARB	905018	1-1/2"(38.1mm) FPT to 1-1/4"(30.4mm) HOSE BARB
905012	1-1/2"(38.1mm) FPT to 3/4"(19.85mm) HOSE BARB	905014	1-1/2"(38.1mm) FPT to 1-1/2"(38.1mm) HOSE BARB
905013	1-1/2"(38.1mm) FPT to 1"(24.4mm) HOSE BARB		

Elbows

Molded from high-strength Marelon®. Dimension 'A' indicates pipe thread size.

Male NPSM Thread/Barb





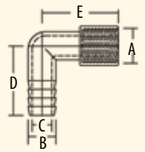
Available in Black or Clear View

Part No.	Model No.	A	B	C	D	E
901000	HECM 8	1/2"(12.7mm)	5/8"(15.87mm)	7/16"(11.11mm)	2"(50.8mm)	1-1/2"(38.1mm)
901001	HECM 12	3/4"(19.05mm)	3/4"(19.05mm)	1/2"(12.7mm)	2-1/8"(53.97mm)	1-5/8"(41.27mm)
901002	HECM 16	1"(24.4mm)	1"(24.4mm)	5/8"(15.87mm)	2-1/2"(63.5mm)	1-7/8"(47.62mm)
901003	HECM 20	1-1/4"(31.75mm)	1-1/4"(31.75mm)	7/8"(22.22mm)	2-3/4"(69.85mm)	2-5/16"(58.72mm)
901004	HECM 24	1-1/2"(38.1mm)	1-1/2"(38.1mm)	1-1/16"(26.98mm)	3-1/4"(82.55mm)	2-3/4"(69.85mm)
901005	HECM 32	2"(50.8mm)	2"(50.8mm)	1-1/2"(38.1mm)	3-5/8"(92.07mm)	3-1/4"(95.25mm)
901052	HECM 24/20	1-1/2"(38.1mm)	1-1/4"(31.75mm)	7/8"(22.22mm)	2-3/4"(69.85mm)	2-3/4"(69.85mm)
901053	HECM 16/16.125	1"(24.4mm)	1-1/8"(28.57mm)	29/32"(22.86mm)	2-1/2"(63.5mm)	1-7/8"(47.62mm)

Add a "C" after the above part numbers for clear view fittings
Clear view connectors not for use with petroleum products

Female NPSM Thread/Barb

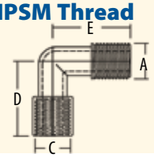




Part No.	Model No.	A	B	C	D	E
901006	HECF 8	1/2"(12.7mm)	5/8"(15.87mm)	7/16"(11.11mm)	2"(50.18mm)	1-5/8"(41.27mm)
901007	HECF 12	3/4"(19.05mm)	3/4"(19.05mm)	9/16"(14.28mm)	2-3/16"(55.56mm)	1-3/4"(44.45mm)
901008	HECF 16	1"(24.4mm)	1"(24.4mm)	5/8"(15.87mm)	2-1/2"(63.5mm)	1-7/8"(47.62mm)
901009	HECF 20	1-1/4"(31.75mm)	1-1/4"(31.75mm)	7/8"(22.22mm)	2-3/4"(69.85mm)	2-1/2"(63.5mm)
901010	HECF 24	1-1/2"(38.1mm)	1-1/2"(38.1mm)	1-1/8"(28.57mm)	3-1/8"(79.37mm)	2-3/4"(69.85mm)
901011	HECF 32	2"(50.8mm)	2"(50.8mm)	1-9/16"(39.68mm)	3-5/8"(92.07mm)	3-1/4"(82.55mm)

Female/Male NPSM Thread





Part No.	Model No.	A	B	C	D	E
920207	MEC 8	1/2"(12.7mm)	NA	1/2"(12.7mm)	1-5/16"(33.33mm)	1-7/16"(36.57mm)
920336	MEC 12	3/4"(19.05mm)	NA	3/4"(19.05mm)	1-5/8"(41.27mm)	1-5/8"(41.27mm)

Marelon® Connectors (continued)

Vented Loops

Vented loops, or siphon break valves, are used to prevent water from dangerously siphoning into your boat amidst aggressive waves or maneuvering, or when the vessel is heavily loaded. The loop is placed between a water pump and any tank, head, engine, or other system in the boat. Water is allowed to pass through the valve unimpeded when forced through by pump, but if the boat leans and water begins to be sucked into the boat by siphoning pressure, the duckbill valve opens and allows air to briefly enter the line. This breaks the siphon pressure and prevents the risk of water intrusion and even sinking of the boat!

Forespar Vented Loops are sold in a variety of sizes and should be used with any tank or system where unwanted water intrusion must be prevented, especially with marine toilets. They are constructed from durable and corrosion resistant Marelon built to last a lifetime. The rubber duckbill vent should be inspected and cleaned regularly, and replacement parts are always available from Forespar. The vent barb option is also available to run an external tube, so that unwanted odors are not released in the cabin.

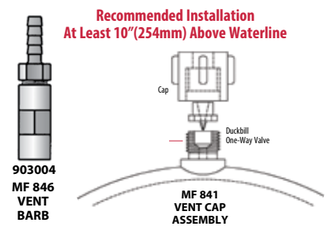
Black Color Vented Loops

Part #	Model #	Barb Size	Height	Width
903000	MF 840	1-1/2"(38.1mm)	5-1/4"(133.35mm)	7-3/4"(196.85mm)
903001	MF 842	3/4"(19.05mm)	4-1/2"(114.3mm)	3-3/4"(95.25mm)
903002	MF 841	Vent Cap Assembly		
903003	MF 843	5/8"(15.87mm)	4-1/2"(114.3mm)	4"(101.6mm)
903004	MF 846	Vent Barb Assembly		
903007	MF 844	1"(25.4mm)	7"(177.8mm)	9"(228.6mm)
903008	MF 845	1/2"(12.7mm)	5-1/4"(133.35mm)	4-1/4"(107.95mm)
903018	MF 847	1-1/8"(28.57mm)	7"(177.8mm)	9"(228.6mm)
903011	MF 839	1-1/4"(28.57mm)	7"(177.8mm)	9"(228.6mm)

White Color Vented Loops

903000W	MF 840	1-1/2"(38.1mm)	5-1/4"(133.35mm)	7-3/4"(196.85mm)
903001W	MF 842	3/4"(19.05mm)	4-1/2"(114.3mm)	3-3/4"(95.25mm)
903002W	MF 841	Vent Cap Assembly		
903007W	MF 844	1"(25.4mm)	7"(177.8mm)	9"(228.6mm)
903008W	MF 845	1/2"(12.7mm)	5-1/4"(133.35mm)	4-1/4"(107.95mm)
903011W	MF 839	1-1/4"(28.57mm)	7"(177.8mm)	9"(228.6mm)





Y-Connectors

Our Y-Connectors can be used for connecting fluid lines. End plate may be removed for blockage relief etc. O-ring seal ensures leak free performance and is safe under pressure working conditions up to 40 psi. Available with or without mounting flange.

Y-CONNECTORS Part No.	Model No.	Flange	Barb Size
902002	HYCF 16	Yes	1"(25.4mm)
902003	HYC 16	No	1"(25.4mm)
902004	HYCF 24	Yes	1-1/2"(38.1mm)
902005	HYC 24	No	1-1/2"(38.1mm)





Thread to Thread

NPSM Reducers/Adapters



Part No.	Model No.	Thread Side A	Side B
901045	FTC 8	1/2"(12.7mm) female	1/2"(12.7mm) female
901046	FTC 12	3/4"(19.05mm) female	3/4"(19.05mm) female
901042	FTC 16	1"(25.14mm) female	1"(25.14mm) female
901044	FTC 20	1-1/4"(31.75mm) female	1-1/4"(31.75mm) female
901043	FTC 24	1-1/2"(38.1mm) female	1-1/2"(38.1mm) female
901040	MTC 12-8	3/4"(19.05mm)	1/2"(12.7mm) male
901050	MTC 12-12	3/4"(19.05mm)	3/4"(19.05mm) male
901051	MTC 16-12	1"(25.14mm)	3/4"(19.05mm) male
901047	MTC 24-16	1-1/2"(38.1mm)	1"(25.14mm) male
901048	MTC 24-20	1-1/2"(38.1mm)	1-1/4"(31.75mm) male
901049	MTC 24-24	1-1/2"(38.1mm)	1-1/2"(38.1mm) male
910062	RB 24-16	1-1/2"(38.1mm) male	1"(25.14mm) female
910063	RB 24-12	1-1/2"(38.1mm) male	3/4"(19.05mm) female

Marelon® Water Strainers

Titan T-Strainer

Exclusive Design Provides Up To 25% Better Engine Cooling

We never stop innovating, that's why we're introducing our new Titan Strainer. Based on our popular T-150 Strainer, the new strainer uses the same space-saving T design, but incorporates a new internal flow pattern and strainer basket that significantly increases cooling water flow while reducing the number of clean-outs needed. It also has a new input in the top specifically for flushout and winterization. And just like our T-150 strainer, the tough polymer bowl is specifically formulated to prevent cracking and glazing from antifreeze.



- **New Straight Flow Internal Design**
- **Integrated Top Mount Flush-Out Plug**
- **Large Stainless Steel Cut-Out Filter Screen**
- **Compact & Lightweight**

Part No.	Model No./Description
906165	Titan T-Strainer With Mounting Bracket
920261	T-Strainer Clear Bowl
920262	T-Strainer Gasket
906187	T-Strainer Mounting Bracket
920264FO	Titan Strainer Mesh Screen #8

Molded From Chemical Resistant Resin

T-150 Water Strainer

The Marelon T-150 Strainer provides compact raw water filtration without compromising flow rates. It features a T-Head body design that allows the T-150 to be installed in tight or hard-to-reach locations. The clear chemical resistant polycarbonate filter bucket screws onto the Marelon housing and offers easy viewing of the stainless steel filter basket without removal. A flexible C-Clamp mounting bracket allows it to be snapped into place and rotated as needed to face any direction to fit tight spaces.

Part No.	Model No./Description
906166	T-150 Water Strainer
920261	T-150 Clear Bowl
920262	T-150 Gasket
920265	T-150 Mesh Screen #20 (Extra Fine)
920264	T-150 Mesh Screen #8 (Standard)
906187	T-150 Mounting Bracket



Molded From Chemical Resistant Resin

Water Strainer

This Marelon water strainer features a new universal mounting bracket and clear polycarbonate lid for ready inspection. The stainless steel strainer basket can be easily removed for cleaning. Intake and exit ports are 1-1/2"(38.1mm) NPSM parallel threads standard. Reducers for 3/4"(19.05mm) I.D. hose are available separately. Diameter: 6.3"(160.02mm) Height: 6.1"(154.94mm). The flow rate is 40 GPM(151.41L/m) with 1-1/2"(38.1mm) ports.

The new mounting bracket allows the strainer exit port to be positioned in the proper direction by simply loosening the bracket clamp and rotating the entire housing. This will allow the OEM or aftermarket customer greater flexibility in installation.

Part No.	Model No./Description
906066	MF 810 Water Strainer
906067	MF 811 Gasket Set
906065	s/s Basket only
920178	Clear Cover only
906068	Knob Only



Molded From Chemical Resistant Resin

All water strainers must be installed above the waterline

Use 1-1/2" threaded adapters (page 16) for all strainers, or RB Reducers on page (page 17) for smaller hose sizes.

Drains, Deck Fills, Sink Wastes & More

Garboard Drains

For newer, thicker transoms, Forespar® designed a drain & plug assembly to fit up to 1-3/4"(44.45mm) thick transoms. Our Marelon® female 3/4"(19.05mm) elbows or female threaded barbed hose fitting (see page 40) can be screwed onto the end for hose attachment if needed. All Marelon® construction ensures years of corrosion free use.

Garboard Drains

Part No.	Description
906081	Garboard Drain with Nut
906075	Socket Style Garboard Drain, Short
906076	Socket Style Garboard Drain, Long
906087	Long 1" Thru-Hull (1" threads, 4" long)

Deck Drains

Part No.	Description
906091:	Black 2" Diameter Deck Drain
906092:	White 2" Diameter Deck Drain



- **GD-S #906075 (short) usable length with 5 threads engaged is 2-1/2" (63.5mm) maximum, 1-7/16" (36.51mm) minimum**
- **GD-L #906076 (long) usable length with 5 threads engaged is 3-1/4" (82.55mm) maximum, 2-1/2" (63.5mm) minimum**
- **Diameter of the flange (both ends) is 2" (50.8mm). Diameter of the body (female threaded unit) is 1-3/16" (30.16mm).** ***(This is the diameter of the hole needed to install the unit through the transom)***
- **The screw style plug with gasket comes with it standard. Color of the Marelon material is white (like all our Thru-hulls)**

Deck Fills

Molded in Marelon® for lifetime durability, Forespar® Deck Fills are available in two color-coded models. Each clearly marked for use with either water or waste. Easy-open cap is fitted with nylon retainer cord and rubber O-ring to ensure a safe and efficient seal. Suitable for 1-1/2"(38.1mm) I.D. hose.

Part No.	Model No	For use with:
907003	MF 830 W	Water
907004	MF 830 WST	Waste

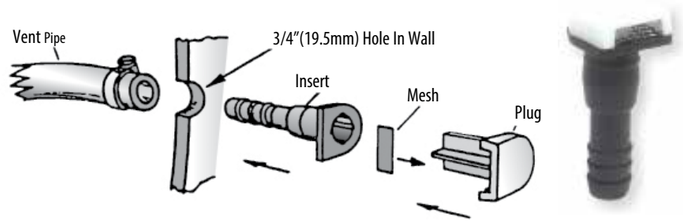


Deck Flange is 4"(101.6mm) dia. Cutout: 2-1/8"(53.97mm)
Hose Barb Length: 3"(76.2mm)

Tank Vent

A new idea in fuel tank vents. For hulls with solid cores only. Unit press-fits into 3/4"(19.5mm) hole without the need of a nut. The stainless steel screen will not corrode and has no plating to chip.

Part No.	Model No.
907029	MF 610



Utility Drain D-1

Fully threaded acetal utility drain.
Thread length: 1-3/8"(34.92mm)
Thread size: 1"(25.14mm)



Part No.	Model No
907028	D-1

Drain Plug

Molded from Forespar's Marelon® and fitted with a neoprene seal; the Forespar® Drain Plug is carefully designed to not deteriorate and crack with age.



Part No.	Model No
907001	MF 790

Sink Wastes

Available in straight and 90° configurations, these drains are designed for 1" and 3/4" tubing.
Models SW-3, SW-4 and SW-6 are bright chrome plated, non-corrosive plastic.



Part No.	Model No.	Tail	Flange	Cut-Out	OD
907000	SW-1	Straight—For 1"(25.14mm) I.D.	1-3/4"(44.45mm)	1-5/16"(33.33mm)	2-7/16" x 2-7/16" x 1-5/8"
907014	SW-2	90˚—For 1"(25.14mm) I.D.	1-3/4"(44.45mm)	1-5/16"(33.33mm)	3-3/16" x 2" x 2-1/2"
907015	SW-3	Straight—1-1/2"(38.11mm) screw	2-7/8"(73.02mm)	2"(50.8mm)	3" x 3" x 1-3/4"
907016		Replacement Sink Stopper			
907017	SW-4	90˚—For 1"(25.14mm) I.D.	2-7/8"(73.02mm)	2"(50.8mm)	3-3/4" x 3" x 4-1/8"
907013	SW-5	(same as SW-1, for 3/4"(19.05mm) I.D.)	1-3/4"(44.45mm)	1-5/16"(33.33mm)	2-7/16" x 2-7/16" x 1-51/64"
907022	SW-6	Straight—For 1"(25.14mm) I.D.	2-7/8"(73.02mm)	2"(50.8mm)	3" x 3" x 3-1/8"
907027	SW-7	(same as SW-6, for 3/4"(19.05mm) I.D.)	2-7/8"(73.02mm)	2"(50.8mm)	3" x 3" x 3-5/16"



Wide Mouth Drain

Forespar's new push-fit scupper drain is a versatile option for draining decks and transoms. At 3" wide by 1-1/4"" high it allows a significant flow of water through, and its snap-together construction allows it to be used with hulls ranging in thickness from 2-1/4" to 3-3/4". It can even be used to prevent chafing where wires or hoses need to pass through a wall or bulkhead.

Part No.	Model No	Size
907035	Wide Mouth Telescoping Drain Transom	1-1/4" H X 3" W

NEW

Custom Parts

Marelon's Modular Design is Perfect for Custom Part Creation

If necessity is the mother of invention, Marelon is her child. Uniquely created from modular components, they can often be mixed and matched into different configurations to fit your specific need. If your designers and engineers came up with a solution without an obvious answer, give us a call, we just maybe able to fulfill their wildest dreams.

Our Marelon line is designed, manufactured and assembled entirely in the USA. We are happy to collaborate with our customers to produce fully custom unique molded parts, allowing you to create new and novel solutions for the most complex plumbing installations.

Contact Us Today! MarelonEngineering@Forespar.com





Your Complete Marine Plumbing Parts Source

- Seacocks
- Valves
- Thru-Hulls
- Strainers
- Vented Loops
- Connectors
- Sink Wastes
- Deck Fills
- Drains & Plugs

Trusted, Tested & Certified

ABYC COMPLIANT · UL LISTED · ISO CERTIFIED · CE CERTIFIED · CERTIFIED

Advanced Marine Lubricants

Specially Formulated Lubricants for Maximum Performance

In the harsh marine environment, proper lubrication is essential to keep things running smoothly. That's why we created three separate lubricants that have been specifically formulated for different uses. Designed to last, each provides the exact type of protection, adhesion and lubrication needed for the intended use.

Select the Right Lubricant for Your Need

MareLube™	TEF45	LANOCOTE®
Prevents Valves & Seacocks from Seizing	**Prevents Corrosion in Bi-Metal Applications**	**Prevents Corrosion, Galvanic Reactions & Thread Freeze-up**
• Use for regular maintenance lubrication on all Forespar composite valves, as well as metal valves • General purpose marine lubricant • Clear & non-staining • Water resistant • Non-petroleum • Non-toxic	• Use on heavy load mechanical fixtures such as turnbuckles, spar fittings, motor lower units, and many more • Strongest Teflon product in the marine market • Large sizes available for OEM use • Highly water resistant • Non-petroleum	• Use on all marine electrical contacts and on contact points of dissimilar metals, and for coating and sealing metal and porous surfaces • Use on all screw threads to prevent locking due to corrosion • Highly tenacious - does not come off easily, especially in salt water • Non-petroleum • Non-toxic

Lanocote®

The Rust & Corrosion Solution

LanoCote® works on these five basic principals: displaces water, absorbs corrosion, forms moisture barrier, penetrates and has high lubricity. LanoCote® prevents dissimilar metal galvanization. LanoCote® is extremely effective in preventing and stopping corrosion on all types of metals under all environmental conditions. Formulated to withstand salt water marine conditions, LanoCote® is particularly useful in preventing thread seizure due to all types of corrosion on boats and machinery.

Applied during assembly, LanoCote will greatly assist in easy dismantling years later. An example would be anchor shackles which are regularly immersed in salt water. LanoCote® also combats galvanization where dissimilar metals are fastened together, such as stainless steel fittings on alloy masts etc.

- **Prevents Thread Freeze-up**
- **Combats Galvanic Reaction of Dissimilar Metals**
- **Seals Porous Surfaces**
- **Neutralizes Acids, Alkalies & Salts**
- **Prevents Corrosion on Electronic Contacts**



Original Formula - New Look!

Part No.	Model
770001	LanoCote® 4 oz. Jar
770002	LanoCote® 7 oz. Aerosol Spray Can
770003	LanoCote® 16 oz. Jar
770007	LanoCote® 8 oz. Pump Spray Bottle
770035	LanoCote® 16oz. Prop & Bottom

See more lubricants on the following page.

MareLube™ Marine Lubricants

General Purpose & Heavy Load PTFE Lubricants

MareLube™ is Forespar's new family of three specifically formulated synthetic lubricants designed for various uses around your boat. Each contains PTFE and work equally well in fresh or salt water. The family includes MareLube™ TEF 45™ for heavy wet use locations, MareLube™ EXTRA for general purpose lubrication needs, and MareLube™ Valve for marine valves and plumbing systems.

- **Long Lasting PTFE Synthetic Lubrication**
- **Works Equally Well in Fresh or Salt Water**
- **Safe on Rubber, Plastic and Painted Surfaces**
- **Formulated for Specific Uses for Maximum Effectiveness**



MareLube™

Valve General Purpose Lubricant

MareLube Valve Lubricant is an advanced lubrication formula designed to keep valve seals and balls working smoothly in marine plumbing systems. It is a clear, non-staining and nontoxic lube that is perfect for traditional bronze fittings, as well as all composite plumbing fixtures like Forespar's Marelon® parts.

- **General Purpose PTFE Synthetic Lubrication**
- **Clear, Non-Staining & Non-Toxic**
- **Compatible with Bronze or Marelon Components**
- **Keeps Seals & Balls Working Smoothly**

Part No	Description
770050	4 oz MareLube Valve Lubricant
770055	Valve Lubricant Liquid - 16oz
770049	30cc Reach Syringe Lube Kit

TEF45™

Max PTFE Heavy Load Lubricant

TEF45™ is a highly water-resistant synthetic lubricant grease containing 45% PTFE. This it the highest percentage PTFE available, which makes TEF45™ perfect for heavy loads and bi-metal anti-corrosion applications like turnbuckles, spar fittings and motor lower units. TEF45™ also works well at protecting against rust corrosion and anti-seize applications.

- **Max PTFE Heavy Load Formulation**
- **Highly Water Resistant**
- **Bi-metal Corrosion Protection**
- **Available in Large Quantities for OEM Use**

Part No	Description
770067	TEF45 - 4 oz
770068	TEF45 - 16 oz
770170	TEF45 - 12 oz Caulk Tube
770065	TEF45 - 6cc Syringe
770066	TEF45 - 30cc Syringe



Learn More
forespar.com/marelube

NEW Join Now

Ask About Our Exclusive

MARELON®

PARTNERS PROGRAM

Participating Boat Builders Can Offer a

25 Year Limited Warranty

On Installed Plumbing Parts

Exclusively for boat builders, Forespar® provides a 25 Year Limited Warranty for all members of our Marelon® Partners Program. Just participate in the "Marelon Inside" signage/labeling program provided by Forespar to promote the fact that you use the best plumbing system in your boats. In exchange, Forespar will provide a 25 year limited warranty on your installed Marelon plumbing parts.

Look Inside for

MARELON®

A Sign of Quality

This boat contains Marelon Plumbing, built to last as long as your boat

All Marelon® Pro Series Valves Are:

ABYC COMPLIANT · UL LISTED · ISO CERTIFIED · CE CERTIFIED · IMCI CERTIFIED

Above is one example of an information card to be applied to your boats at your dealerships and boat shows, and also included inside your owner's information packet to qualify for this extended warranty.

For information on how to qualify for the Marelon® Partners Program, contact: Marelon@Forespar.com

MARELON®

#1 Trusted Marine Plumbing System











Your Complete Marine Plumbing Parts Source

- Seacocks
- Valves
- Thru-Hulls
- Strainers
- Vented Loops
- Connectors
- Sink Wastes
- Deck Fills
- Drains & Drain Plugs



FORESPAR®

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