

# Marine Hose

Armada™ Fuel, Wet Exhaust & Multi-Purpose Hose  
Wavemaster™ Barrier Fuel Line & Vent Hose  
Thoro-Braid® Clear Marine FDA/NSF Water Hose



## Maximum Versatility in Marine Hose, All From One Supplier

Parker hoses for the marine industry meet international requirements and industry standards across multiple functions. These versatile products furnish blanket coverage in diverse applications, from the fuel dispenser to the engine compartment to the galley. Parker offers the highest quality and most comprehensive marine hose offering in the industry.



## Contact Information:

Parker Hannifin Corporation  
**Industrial Hose Division**  
17295 Foltz Industrial Pkwy  
Strongsville, OH 44149

phone 440 268 2120  
fax 440 268 2230  
indhose@parker.com

www.parker.com



## Product Features:

### Series SW569

- Meets multiple industry and government standards
- Specially compounded nitrile tube suitable for gasoline, diesel, coolant, bilge and non-potable water systems
- Textile reinforcement for flexibility and dual wire helix for full suction capability
- Black nitrile cover for oil resistance in marine environments

### Series 7165

- Meets multiple industry and government standards
- Nylon tube compatible with multiple fuels and blends, including ethanol to E85 and biodiesel to B100, with minimal permeation
- Blended Nitrile/PVC cover for abrasion, flame and oil resistance

### Series 7583

- FDA and NSF 51 compliant for food and water service
- Clear construction for easy view of obstructions/residue
- Flexible and lightweight for multiple applications

ENGINEERING YOUR SUCCESS.

# Armada™ Fuel, Wet Exhaust & Multi-Purpose Hose

## Series SW569

Series SW569 Armada hose features innovative design and use of superior-performance materials, and meets or exceeds more marine industry standards than any other hose. It's highly versatile for a myriad of applications including bilge pump intake, discharge and ventilation; cabin heating; coolant and radiator service; gasoline and diesel fuel systems; lubrication systems; wet-exhaust systems; non-potable water systems in galleys; and toilet and bath connections.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile spirals with dual wire helix
<b>Cover:</b>	Black nitrile
<b>Temp Range:</b>	-20°F to +212°F (-29°C to +100°C)
<b>Brand Method:</b>	Black text on yellow stripe
<b>Brand Example:</b>	PARKER TITAN SW569 ARMADA 3/4 MARINE FUEL/WET EXHAUST HOSE 75 PSI WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Vacuum Rating:</b>	Full (all sizes)
<b>Industry Standards:</b>	SAE J1527 A1 and A2 Style R2; SAE J1942 Codes F, VW, NVW; SAE J2006 R2; SAE J20R2 B; SAE J20R4 B; SAE J20R5 B; SAE J30R5; ISO 7840 A2; ISO 8469 B2
<b>Compare To:</b>	Thermoid 7910 Bellowsflex A
<b>Packaging:</b>	Coils; 1/2" thru 3-1/2" @ 50 ft, 4" thru 6" @ 25 ft

Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs)/ 100 ft	Min Bend Rad (in)	Max Rec WP (psi)
SW569-500	1/2	12.7	2	0.906	23.0	29	1-1/2	75
SW569-625	5/8	15.9	2	1.000	25.4	33	1-1/2	75
SW569-750	3/4	19.1	2	1.188	30.2	39	1-1/2	75
SW569-875	7/8	22.2	2	1.313	33.4	44	2	75
SW569-1000	1	25.4	2	1.438	36.5	48	2	75
SW569-1062	1-1/16	27.0	2	1.500	38.1	51	2	75
SW569-1125	1-1/8	28.6	2	1.563	42.2	53	2-1/2	75
SW569-1250	1-1/4	31.8	2	1.688	42.9	59	2-1/2	75
SW569-1312	1-5/16	33.3	2	1.750	44.5	70	3	75
SW569-1375	1-3/8	34.9	2	1.813	46.0	72	3	75
SW569-1500	1-1/2	38.1	2	1.938	49.2	78	3	50
SW569-1625	1-5/8	41.3	2	2.125	54.0	83	3-1/2	50
SW569-1750	1-3/4	44.5	2	2.188	55.6	88	3-1/2	50
SW569-1875	1-7/8	47.6	2	2.313	58.7	94	4	50
SW569-2000	2	50.8	2	2.438	61.9	100	4-1/2	50
SW569-2125	2-1/8	54.0	2	2.563	65.1	105	4-1/2	50
SW569-2250	2-1/4	57.2	2	2.688	68.3	112	4-1/2	50
SW569-2375	2-3/8	60.3	2	2.813	71.4	117	6	50
SW569-2500	2-1/2	63.5	2	2.938	74.6	123	7	50
SW569-2625	2-5/8	66.7	2	3.000	76.2	128	8	50
SW569-2750	2-3/4	69.9	2	3.188	81.0	131	8	40
SW569-2875	2-7/8	73.0	2	3.313	84.1	139	8	40
SW569-3000	3	76.2	2	3.469	88.1	164	9	40
SW569-3125	3-1/8	79.4	2	3.625	92.1	170	9-1/2	40
SW569-3250	3-1/4	82.6	2	3.688	93.7	176	9-1/2	40
SW569-3500	3-1/2	88.9	2	4.000	101.6	187	10	40
SW569-4000	4	101.6	2	4.469	113.5	215	12	40
SW569-4500	4-1/2	114.3	2	5.000	127.0	239	14	40
SW569-5000	5	127.0	2	5.500	139.7	287	22	40
SW569-5500	5-1/2	139.7	2	6.000	152.4	317	25	40
SW569-6000	6	152.4	2	6.500	165.1	343	28	40

# Wavemaster™ Barrier Fuel Line & Vent Hose

## Series 7165

Series 7165 Wavemaster hose features a low-permeation construction intended for applications such as feed lines to fuel tanks, where liquid fuel is continuously in the hose under normal conditions. It is compatible with alcohol blended fuels – including E85 (85% ethanol), diesel fuels – including B100 (100% biodiesel), gasoline and other petroleum products used in the marine industry.

Wavemaster passes ASTM D6751 testing requirements for biodiesel fuel, maintaining hose component adhesions and flexibility without fluid seepage during long-term exposure.



- Tube:** Translucent nylon
- Reinforcement:** Multiple textile spirals
- Cover:** Black flame resistant nitrile/PVC
- Temp Range:** -20°F to +212° (-28°C to +100°C)
- Brand Method:** White ink text & red solid stripe
- Brand Example:** *(side one)* PARKER WAVEMASTER SERIES 7165 MARINE FUEL HOSE – EPA COMPLIANT – 9PKHPLINE165 – SAE J1527 USCG TYPE A1-15 ISO 7840 A1 CE NMMA TYPE ACCEPTED 1/4 ID USA PH USE WITH ABYC COMPLIANT SYSTEMS AND FITTINGS ONLY (DATE CODE) *(side two)* Red solid stripe
- Design Factor:** 4:1
- Industry Standards:** ABYC, EC, EPS, ISO 7840 A1, NMMA, SAE J1527 Type A1 & A1-15, USCG Type A
- Applications:** Fuel feed and vent lines for marine engines
- Compare To:** Veyance Marine Fuel Line USCG/SAE J1527 & ISO 7840 Type A1
- Packaging:** Reels; 250 ft, 2-length maximum, 50-ft minimum
- Coupling Rec:** ABYC compliance

Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs)/100 ft	Min Bend Rad (in)	Max Rec WP (psi)
7165-25250	1/4	6.4	2	0.536	13.6	11	2.5	100
7165-31250	5/16	7.9	2	0.611	15.5	13	2.5	100
7165-38250	3/8	9.5	2	0.681	17.2	16	2.5	100
7165-50250	1/2	12.7	2	0.821	20.8	20	4.5	100
7165-63250	5/8	15.9	2	1.000	25.4	30	4.5	75

Parker Marine hoses meet numerous U.S. and international performance standards.

### Industry/Government Organizations

ABYC (American Boat & Yacht Council)	7165
EC (Conformite Europeene/European Conformity)	7165
EPA (Environmental Protection Agency)	7165
EU (European Union)	7583
FDA (Food & Drug Administration)	7583
ISO (International Standards Organization)	7165, SW569
NMMA (National Marine Manufacturers Association)	7165
NSF (Formerly National Sanitary Foundation)	7583
SAE (Society of Automotive Engineers)	7165, SW569
UL (Underwriters Laboratories)	7114GRM (Fuel Dispenser)
USCG (United States Coast Guard)	7165, SW569
USP (United States Pharmacopeia)	7583

### Qualifying Product Series

# Thoro-Braid® Clear Marine FDA/NSF Water Hose

## Series 7583

Series 7583 Thoro-Braid hose provides service for marine potable water systems. Specially blended materials will not impart taste or odor to water. The clear, lightweight construction permits easy inspection and also provides abrasion and weather resistance.

<b>Tube:</b>	Clear PVC with blue tint
<b>Reinforcement:</b>	Multiple textile spirals
<b>Cover:</b>	Clear PVC with blue tint
<b>Temp Range:</b>	+25°F to +150° (-4°C to +66°C)
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	PARKER 7583 PVC – MAX TEMP 150°F 1/2" – 12.7MM 200 PSI WP – NSF 51 (DATE CODE) CANADA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	EU AP (89), FDA, NSF 51, USP Class VI
<b>Applications:</b>	Air, beverages, conduit, food, harness, water, light vacuum service
<b>Compare To:</b>	Boston H285, Kentac K-9500, Kuriyama K3150, Veyance Pliovic FG
<b>Packaging:</b>	Coils; 1/8" @ 500 ft, 3/16" thru 3/4" @ 300 ft; 1" @ 200 ft; 1-1/4" thru 2" @ 100 ft
<b>Coupling Rec:</b>	Refer to NAHAD Industrial Hose Assembly Guidelines

Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs)/100 ft	Min Bend Rad (in)	Max Rec WP (psi)
7583-125	1/8	3.2	2	0.315	8.0	4	0.4	300
7583-187	3/16	4.8	2	0.375	9.5	5	0.8	250
7583-250	1/4	6.4	2	0.438	11.1	6	1.0	250
7583-312	5/16	7.9	2	0.525	13.3	8	1.3	250
7583-381	3/8	9.5	2	0.594	15.2	9	1.5	225
7583-500	1/2	12.7	2	0.750	19.1	14	2.3	200
7583-625	5/8	15.9	2	0.875	22.2	17	2.5	200
7583-750	3/4	19.1	2	1.030	26.2	22	5.8	150
7583-1000	1	25.4	2	1.300	33.1	32	6.8	125
7583-1250	1-1/4	31.8	2	1.625	41.3	45	11.0	100
7583-1500	1-1/2	38.1	2	1.937	49.0	64	12.0	100
7583-2000	2	50.8	2	2.490	63.0	95	15.0	75

For more information  
visit [www.safehose.com](http://www.safehose.com), e-mail  
[indhose@parker.com](mailto:indhose@parker.com) or contact  
Parker Industrial Hose Customer  
Service: **866 810 HOSE (4673)**.

