

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