



WAVEMASTER™

Marine Barrier Fuel Line / Vent Hose

ABYC, CARB, CE, EPA, ISO, NMMA, SAE, USCG

Series 7165

Series 7165 is a premium, low permeation fuel tank feed and vent hose for refined fuels such as biodiesel (to B100 in dedicated and non-dedicated service), alcohol blended fuels, diesel, ethanol and gasoline in marine applications. The hose incorporates a thermoplastic barrier to resist fuel permeation and the cover is resistant to abrasion, oil and weathering. Series 7165 is flexible for easy routing in engine compartments and as a feed line to fuel tanks where liquid fuel is continuously in the hose under normal conditions.

NOTE: Refer to the table on pages 213-214 for fuel compatibility and service conditions.

Tube:	Translucent Nylon
Reinforcement:	Multiple textile plies
Cover:	Black nitrile/PVC; smooth finish
Temp. Range:	-20°F to +212°F (-29°C to +100°C)
Brand Method:	Side One: White ink Side Two: Solid red stripe
Brand Example:	PARKER SERIES 7165 WAVEMASTER MARINE FUEL HOSE – EPA COMPLIANT – (x)9PKHPLINE165 – SAE J1527 USCG TYPE A1-15 ISO 7840 A1 CE NMMA TYPE ACCEPTED (ID) USA PH USE WITH ABYC COMPLIANT SYSTEMS AND FITTINGS ONLY (DATE CODE) NOTE: (x) changes every year
Design Factor:	4:1
Industry Standards:	ABYC, CARB, CE, EPA, ISO 7840 A1, NMMA, SAE J1527 A1-15, USCG A1
Applications:	<ul style="list-style-type: none"> Biodiesel (to B100 in dedicated and non-dedicated service), diesel, ethanol, gasoline, oil Marine fuel/vent systems
Vacuum:	Not recommended
Compare to:	Veyance Marine Fuel Line Flexshield
Packaging:	Reels
Couplings:	ABYC compliant

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7165-25250	1/4	6.3	2	0.536	13.6	0.11	0.05	2.5	63.5	100	7.0	*	250	Y
7165-31250	5/16	7.9	2	0.611	15.5	0.13	0.06	2.5	63.5	100	7.0	*	250	Y
7165-38250	3/8	9.5	2	0.681	17.3	0.16	0.07	2.5	63.5	100	7.0	*	250	Y
7165-50250	1/2	12.7	2	0.821	20.9	0.20	0.09	4.5	114.3	100	7.0	*	250	Y
7165-63250	5/8	16.0	2	1.000	25.4	0.30	0.14	4.5	114.3	75	5.2	*	250	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).