



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.

- 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:**
- 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)
7165-25250	1/4	6.3	2	0.536	13.6	0.11	0.05	2.5	63.5	100	7.0	*	250
7165-31250	5/16	7.9	2	0.611	15.5	0.13	0.06	2.5	63.5	100	7.0	*	250
7165-38250	3/8	9.5	2	0.681	17.3	0.16	0.07	2.5	63.5	100	7.0	*	250
7165-50250	1/2	12.7	2	0.821	20.9	0.20	0.09	4.5	114.3	100	7.0	*	250
7165-63250	5/8	16.0	2	1.000	25.4	0.30	0.14	4.5	114.3	75	5.2	*	250

⚠ 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.](#)