

Renewable Diesel Fuel Hose

Series 650



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The 650 series fuel hose is the “one hose to do it all” fuel line. It can be used in a variety of fuel line applications that transfer gasoline, diesel, or biodiesel from the fuel tank to the engine circuit. Parker has simplified the choices for our customers of which hose fits the required specification, the 650 series has you covered for almost all your fuel line requirements.

# Part Number	 Hose I.D. (in) (mm)	Reinf Plies	 Hose O.D. (in) (mm)	 Weight lbs/ft kg/m	 Minimum Bend Radius (in) (mm)	 Working Pressure (psi) (bar)	 Std Pack Qty	 Coupling HY Series	J2044 Specs
650-3-RL	3/16 4.8	2	0.41 10.3	0.07 0.11	1.25 32	500 34.5	250 ft	•	
650-4-RL	1/4 6.4	2	0.50 12.7	0.09 0.13	1.50 38	400 27.6	250 ft	•	
650-5-RL	5/16 7.9	2	0.56 14.3	0.10 0.15	2.00 51	400 27.6	250 ft	•	•
650-6-RL	3/8 9.5	2	0.63 15.9	0.14 0.20	2.50 64	400 27.6	250 ft	•	•
650-8-RL	1/2 12.7	2	0.78 19.8	0.21 0.31	4.00 102	400 27.6	250 ft	•	•
650-10-RL	5/8 15.9	2	0.94 23.8	0.23 0.34	5.00 127	350 24.1	250 ft	•	•
650-12-RL	3/4 19.1	2	1.13 28.6	0.34 0.50	7.00 180	300 20.7	250 ft	•	•

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Tube: Black synthetic rubber

Reinforcement: Multiple aramid plies

Cover: Black synthetic rubber

Temperature Range: -40°F to +257°F (-40°C to +125°C)

Brand Method: White ink

Brand Example: Parker 650-6 SAE 30R7 & PERFORMANCE
OF SAE 30R2 TYPE 3/SAE30R: WP 2,8 MPA
(400 F 397/5139/5155/ 1 RENEWABLE DIESEL
FUEL TO B100; 10,0MM (3/8);
MADE IN USA

Design Factor: 5:1

Industry Standards: SAE J30R7, meets performance of 30R2
Type 1, 2 and 3, 30R3, and 30R13 (portions of T1 and T3)

Application: Fuel lines on equipment utilizing gasoline, diesel or
biodiesel up to B100 including HVO, SME and PME renewable
fuels

Vacuum: 24" Hg (3/16" thru 3/8" ID); 10" Hg (1/2" thru 3/4" ID)

Packaging: Reels

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.