



SUPER-FLEX® FL-7

Barrier Fuel Line Hose

CARB/SORE; EPA; SAE J30R7/30R14T2

Series 389

Series 389 is a fuel line/vapor emission hose for refined fuels such as biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol and gasoline. The hose incorporates a THV barrier to resist permeation, multiple aramid plies of reinforcement for coupling retention, durability and kink resistance, and the cover is resistant to abrasion, oil and weathering. The hose is flexible for easy routing in and around small engines and small engine compartments. Series 389 surpasses all of the California Air Resource Board (CARB)/Small Off-Road Engine (SORE) and Environmental Protection Agency (EPA) stringent permeation requirements of 15g/m²/day. It also meets or exceeds SAE J30R7 and SAE J30R14T2 specifications, and is compatible with Parker SAE J2044 and J2045 Push-to-Connect fittings.

NOTES:

- Refer to the table on pages 213-214 for fuel compatibility and service conditions.
- Do not use in marine fuel applications. Refer to Series 7165 on page 308.

Tube: Black nitrile and translucent THV barrier
Reinforcement: Multiple aramid plies
Cover: Black CPE, smooth finish
Temp. Range: -40°F to + 257 °F (-40°C to +125°C)
Brand Method: White ink
Brand Example: PARKER SERIES 389 SUPER-FLEX® FL-7 (ID) SAE J30R7/R14T2 FUEL LINE (x)PKHPLINE389 EPA COMPLIANT 15 g/m²/day CARB Q-08-013 MAX WP 50 PSI USA (DATE CODE)

NOTE: (x) changes every year

Design Factor: 5:1

Industry Standards: CARB 2006 SORE, EPA, SAE J30R7, SAE J30R14T2,

Applications:

- Low pressure fuel lines on blowers, grinders, mowers, off-road engines, pressure washers, saws
- Biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol, gasoline
- Agricultural equipment, autos, buses, construction equipment, off-road equipment

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

Compare to: Avon Greenbar 700, Gates 4219B

Packaging: Reels

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 **
38903	3/16	4.8	2	0.406	10.3	0.06	0.03	1.3	33.0	50	3.4	55	250	Y
38904	1/4	6.4	2	0.500	12.7	0.09	0.04	1.5	38.1	50	3.4	HY	250	Y
38905	5/16	7.9	2	0.562	14.3	0.11	0.05	2.0	50.8	50	3.4	HY	250	Y
38906	3/8	9.8	2	0.625	15.8	0.12	0.05	2.5	63.5	50	3.4	HY	250	Y
38908	1/2	12.7	2	0.781	19.8	0.18	0.08	4.0	101.6	50	3.4	HY	250	Y
38910	5/8	15.9	2	0.938	23.9	0.24	0.11	5.0	127.0	35	2.4	*	250	N
38912	3/4	19.1	2	1.125	28.6	0.35	0.16	6.0	152.4	35	2.4	*	250	N

* **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](#).

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