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 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.

**Part Number** | **ID (in)** | **Rein Plies** | **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 | 2 | 0.06 | 0.03 | 1.3 | 33.0 | 50 | 3.4 | 55 | 250 | Y |
38904 | 1/4 | 6.4 | 0.09 | 0.04 | 1.5 | 38.1 | 50 | 3.4 | 55 | 250 | Y |
38905 | 5/16 | 2 | 1.12 | 0.05 | 2.0 | 50.8 | 50 | 3.4 | 55 | 250 | Y |
38906 | 3/8 | 2 | 1.12 | 0.05 | 2.0 | 50.8 | 50 | 3.4 | 55 | 250 | Y |
38908 | 1/2 | 12.7 | 0.18 | 0.08 | 4.0 | 101.6 | 50 | 3.4 | 55 | 250 | Y |
38910 | 5/8 | 15.9 | 0.24 | 0.11 | 5.0 | 127.0 | 35 | 2.4 | * | 250 | N |
38912 | 3/4 | 19.1 | 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.

**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.