Parflex FLR Series Diesel Fuel Tubing Assemblies have been specially developed to work with SAE J2044 Quick Connect Fittings. It is manufactured from the same chemically resistant, special polyamide resin used in Parker Parflex HTFL-Series High Temperature Diesel Fuel Tubing and has been successfully tested with Safe Lock™ push-to-connect SAE J2044 connectors.

Preformed tubing assemblies are shipped ready to install, allowing for cleaner routings, quicker installations and less scrap. These assemblies reduce labor costs by eliminating measuring and cutting time and even inventory is simplified to one part number.

All three sizes of FLR assemblies meets/exceeds the following SAE tests.

- SAE J2045, Section 4.2, Fitting Pull-Off for liquid fuel assemblies, at room temperature and at 250°F
- SAE J2045, Section 4.8, Burst Strength for liquid fuel assemblies, at room temperature and at 250°F
- SAE J2044, Section 7.5, Life Cycle Test for liquid fuel assemblies
- SAE J844, Section 9.13, Collapse Resistance, at 250°F

Used with Safe-Lock™ Quick Connect Couplings, from Parker Fluid & Connectors Division, a secure connection is achieved without clamps. The Safe Lock push-to-connect design reduces hose assembly fabrication time and the exclusive locking mechanism minimizes leaks.

**Contact Information:**
Parker Hannifin Corporation
Parflex Division
1300 North Freedom St.
Ravenna, OH 44266
phone (330) 296 2871
fax (330) 296 8433
www.parker.com/parflex

**Product Features:**
- Utilizes SAE 2044 Safe-Lock™ Quick Connect Fittings
- Easy to assemble
- Heat and UV stabilized
- 100% pressure tested
- Lightweight
- Pre-formed tubes available
- Tested to select SAE J844, SAE J2044, and SAE J2045 liquid fuel assembly specifications
FLR Diesel Fuel Tubing
J2044 Quick Connect Ready

Applications/Markets
• General Diesel Fuel Applications

Certifications/Compliance
- SAE J2045, Section 4.2, Fitting Pull-Off for liquid fuel assemblies, at room temperature and at 250°F
- SAE J2045, Section 4.8, Burst Strength for liquid fuel assemblies, at room temperature and at 250°F
- SAE J2044, Section 7.5, Life Cycle Test for liquid fuel assemblies
- SAE J844, Section 9.13, Collapse Resistance, at 250°F

Construction
Tube: High-temperature and chemical-resistant special polyamide

Operating Parameters
Use in environments less than +239°F (+115°C)
Maximum Working Pressure: -7.2 psi to +72 psi (-0.50 bar to + 5 bar)
Do not exceed temperature and pressure ranges

Fittings
Available SAE J2044 Safe-Lock™ Quick Connect Fitting.
Sizes include 3/8", 1/2", and 5/8”
SAE J2044 Safe-Lock™ Quick Connect Fittings available in 90° and 180° configurations.
J2044 Safe-Lock™ Quick Connect Fittings available from Parker Hannifin Fluid System Connectors Division
Phone: 269 692 6555 Fax: 269 694 4614
www.parker.com/fsc

Color
- Black

Note
- Factory-made assemblies only
- Colors available upon request

<table>
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<tr>
<th>Part Number</th>
<th>Nominal Tube O.D.</th>
<th>Nominal Tube I.D.</th>
<th>Minimum Supported Bend Radius</th>
<th>Minimum Unsupported Bend Radius</th>
<th>Weight</th>
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<td>inch</td>
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Before selecting or using any Parker hose or fittings or related accessories, it is important that you read and follow Parker Safety Guide for Selecting and Using Hoses, Fittings and Related Accessories (Parker Publication No. 4400•B.1).