Product Bulletin

Parker 811 and 881 Suction and Return Line Hoses

- Two hoses meet wide range of application requirements
- SAE 100R4 specification
- Crimp-type or field-attachable fittings
- Compatible with new 81 Series fittings

We Keep Ideas Flowing™
With Parker suction and return line hose, you can select the hose and connection combination that matches your application.

811 Hose:
Economical, flexible, light-weight, one-half SAE 100R4 minimum bend radius

- Meets or exceeds SAE 100R4 requirements, but with one-half the SAE minimum bend radius
- Temperature range for petroleum-based hydraulic fluids of -40°F to +212°F
- High visibility helical Mylar layline
- Cost-effective hose for OEM applications
- Oil- and weather-resistant synthetic rubber cover
- Suitable for vacuum applications up to 25 in/Hg

New! 81 Series fittings: Your connection to a complete industry solution.
Meets or exceeds SAE 100R4 requirements

Temperature range for petroleum-based hydraulic fluids of -40°F to +257°F

High visibility straight Mylar layline

Excellent hose for MRO counter sales

Premium MSHA-accepted cover

Suitable for full vacuum at 28 in/Hg

Fittings compatible with 881 hose

New! 81 Series crimp shells with 88 Series nipples; working pressure range of 62 psi to 300 psi

New! 88 Series field-attachable nipples with DB clamps; working pressure range of 62 psi to 300 psi

43 Series crimp fittings; working pressure range of 62 psi to 300 psi

88 Series field-attachable nipples with HC clamps; working pressure range of 62 psi to 100 psi

Our new 81 Series fittings are designed to work hand-in-hand with Parker hose and Parkrimp crimpers and dies for an integrated industrial hose assembly system. A system that is backed by the technical expertise and quality assurance you only get from Parker. Plus, the two-piece fitting design helps reduce inventory by enabling users to stock a single shell for all their end configuration needs.
Parker 811 SAE 100R4 One-Half Bend Radius Hydraulic Suction and Return Line Hose

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose I.D.</th>
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<th>Working Pressure</th>
<th>Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Fig</th>
<th>Packrimp</th>
<th>Field Attachable Fitting</th>
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Construction

Synthetic rubber inner tube reinforced by two textile braids or a woven ply, combined with wire spiraled throughout the textile reinforcement to prevent collapse under vacuum; MSHA-accepted synthetic rubber cover.

Application and temperature range

- Petroleum-based hydraulic fluids and lubrication oils within a temperature range of -40°F to +110°F
- Water, water/oil emulsion and water/glycol hydraulic fluids up to +185°F
- Air up to +158°F

81 Series fittings consist of an 81 Series crimp shall and 88 Series nipple.

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