# Parker Product Datasheet



Configure hose assemblies quickly and easily in the field without special tools with Parker’s 82 series one-piece, push-on field-attachable hydraulic fittings.

**PART NUMBER:** 3C582-10-4
**PORT CONNECTION:** 10 mm
**CONNECTION 2 TYPE:** Female Metric L - Swivel (Ball Nose for 24° or 60° Cone)
**SHAPE:** Elbow 90°
**HEX TYPE:** Metric
**BODY MATERIAL:** Steel
**HOSE I.D. (SIZE):** -4

## PRODUCT OVERVIEW

Parker 82 Series 'Push-Lok®' Fittings are push-on, barb-style field-attachable hydraulic fittings that allow users to quickly and easily make hose assemblies right on the job site without special tools. When coupled with Parker’s Push-Lok hoses, 82 series fittings deliver convenience and shorter assembly times, as no clamp is required. Reusable 82 Series fittings feature a one-piece construction for reduced complexity and less chance of leakage. Compatible with the Push-Lok family of multipurpose hoses, 82 series fittings can be used with high temperature, dry air, hot water, fire-resistant, and higher pressure hoses. Offered in a wide range of end configurations and in sizes ranging from size -4 /DN 6) to size -16 (DN 25), 82 Series fittings are available in steel, brass or stainless steel steel. Applications include pneumatics, petroleum-base fluids, antifreeze, diesel, and phosphate ester.

Markets:
• Machine Tools

• Paper Industry
• Injection Moulding Machines
• Ground Support Equipment
• Chemical Industry
• Transfer Lines
• PET Blow Forming Machines
• Robots and Welding Installations
• Power electronics

Features/Benefits:
• Can be assembled in field with wrenches
• Imperial HEX
• Wide range of end configurations
• One piece reduces complexity and leakage path
• No-Skive technology offers easy, efficient, and safe production processes

Applications:
• Petroleum base hydraulic fluids and lubricating oils
• Pneumatic
• Antifreeze solutions
• Diesel fuels
• Phosphate ester
• Dry air and water

Compatible Hoses:
• 801PLUS
• 801RH
• 804
• 821FR
• 830M
• 836
•837BM
• 8337PU
• 838M
• 846

# TECH SPECIFICATIONS

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|---|---|
| **FOR FLUID TYPE** | Fuels - Check fuel type with our catalogue chart. |

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|---|---|
| **FOR FLUID TYPE** | Water |
| **FOR FLUID TYPE** | Lubricants (Oils) |
| **FOR FLUID TYPE** | Coolants (Glycol) |
| **FOR FLUID TYPE** | Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base) |
| **FOR FLUID TYPE** | Air (General Industrial Air) |
| **DIVISION** | Polymer Hose Division Europe |
| **MAXIMUM OPERATING PRESSURE** | 25.0 MPa |
| **PRODUCT TYPE** | Barbed Fittings |
| **CONNECTION LENGTH** | 23 mm (see drawing legend B) |
| **TUBE OUTSIDE DIAMETER** | 10 mm |
| **CONNECTION 2 TYPE** | Metric L |
| **PRODUCT TYPE** | Push-Lok Hose Fittings |
| **INDUSTRY** | Industrial Manufacturing Equipment |
| **APPLICATION** | Paper Machines |
| **FITTING LENGTH** | 42 mm (see drawing legend A) |
| **CONNECTION 2 TYPE** | Female |
| **BRAND** | Parker |
| **APPLICATION** | Transfer Lines |
| **HEX SIZE** | 19 mm (see drawing legend W) |
| **DROP LENGTH** | 29 mm (see drawing legend E) |
| **CONNECTION 2 TYPE** | Swivel (24° / 60° Cone) |
| **CONNECTION 1 TYPE** | Hose |
| **MAXIMUM OPERATING PRESSURE** | 250 bar |
| **APPLICATION** | Injection Moulding Machines |
| **SPECIFICATIONS MET** | BS 5200-B |
| **APPLICATION** | Machine Tools |

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|---|---|
| **CONNECTION 2 SIZE** | M16x1.5 mm Thread |
| **CONNECTION 1 SIZE** | -4 (Size) |
| **BODY MATERIAL** | Steel |
| **CONNECTION 1 SIZE** | 6.4 mm Hose I.D. |
| **SHAPE** | Elbow 90° |
| **CONNECTION 1 SIZE** | 1/4 inch Hose I.D. |
| **DIVISION** | Polymer Hose Division Europe |
| **TECHNOLOGY** | Fluid & Gas Handling |
| **PORT TYPE** | DKL 90° |