

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: 3CF82-8-4
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
SHAPE: Elbow 90°
HEX TYPE: Metric
BODY MATERIAL: Steel
HOSE I.D. (SIZE): -4
PORT CONNECTION: 8 mm

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. 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

TUBE OUTSIDE DIAMETER

8 mm

BRAND	Parker
FITTING LENGTH	41 mm (see drawing legend A)
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
CONNECTION 1 TYPE	Hose
MAXIMUM OPERATING PRESSURE	500 bar
HEX SIZE	17 mm (see drawing legend W)
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Elbow 90°
MAXIMUM OPERATING PRESSURE	50.0 MPa
FOR FLUID TYPE	Water
DROP LENGTH	29 mm (see drawing legend E)
APPLICATION	Machine Tools
CONNECTION 1 SIZE	6.4 mm Hose I.D.
BODY MATERIAL	Steel
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
FOR FLUID TYPE	Air (General Industrial Air)
CONNECTION 2 TYPE	Metric L
TECHNOLOGY	Fluid & Gas Handling
PORT TYPE	DKOL
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	Swivel (24° Cone with O-Ring)
CONNECTION 1 SIZE	1/4 inch Hose I.D.
DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Coolants (Glycol)
CONNECTION 2 TYPE	Female
CONNECTION 2 SIZE	M14x1.5 mm Thread

CONNECTION 1 SIZE	-4 (Size)
SPECIFICATIONS MET	ISO 12151-2-SWE-L
APPLICATION	Injection Moulding Machines
PRODUCT TYPE	Barbed Fittings
APPLICATION	Transfer Lines
CONNECTION LENGTH	23 mm (see drawing legend B)
APPLICATION	Paper Machines
DIVISION	Polymer Hose Division Europe
PRODUCT TYPE	Push-Lok Hose Fittings