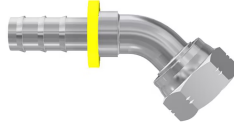


Parker Product Datasheet



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: 3B182-8-8
CONNECTION 2 TYPE: Female BSP Parallel Pipe - Swivel (60° Cone)
HEX TYPE: Metric
HOSE I.D. (SIZE): -8
BODY MATERIAL: Steel
SHAPE: Elbow 45°
PORT CONNECTION: 1/2'

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

CONNECTION 1 SIZE	1/2 inch Hose I.D.
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING PRESSURE	43.0 MPa
APPLICATION	Transfer Lines
CONNECTION LENGTH	41 mm (see drawing legend B)
PRODUCT TYPE	Push-Lok Hose Fittings
CONNECTION 2 TYPE	Female
CONNECTION 1 TYPE	Hose
MAXIMUM OPERATING PRESSURE	430 bar
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 TYPE	Swivel
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 2 SIZE	1/2'-14 inch Thread
SHAPE	Elbow 45°
CONNECTION 1 SIZE	-8 (Size)
SPECIFICATIONS MET	BS 5200-D
BRAND	Parker
PRODUCT TYPE	Barbed Fittings
CONNECTION 2 TYPE	BSP Parallel Pipe
FOR FLUID TYPE	Coolants (Glycol)
FOR FLUID TYPE	Air (General Industrial Air)
FOR FLUID TYPE	Water
DROP LENGTH	19 mm (see drawing legend E)
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
FITTING LENGTH	68 mm (see drawing legend A)
FOR FLUID TYPE	Lubricants (Oils)

FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
HEX SIZE	27 mm (see drawing legend W)
PORT TYPE	DKR
APPLICATION	Machine Tools
DIVISION	Polymer Hose Division Europe
BODY MATERIAL	Steel
CONNECTION 1 SIZE	12.7 mm Hose I.D.
APPLICATION	Injection Moulding Machines
CONNECTION 2 TYPE	60° Cone