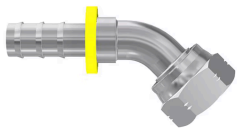
Parker Product Datasheet



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: 3B182-4-4
CONNECTION 2 TYPE: Female BSP Parallel Pipe - Swivel (60° Cone)
HOSE I.D. (SIZE): -4
SHAPE: Elbow 45°
BODY MATERIAL: Steel
HEX TYPE: Metric
PORT CONNECTION: 1/4'

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

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

PRODUCT TYPE	Barbed Fittings
CONNECTION 2 TYPE	60° Cone
BRAND	Parker
CONNECTION 2 SIZE	1/4'-19 inch Thread
FOR FLUID TYPE	Air (General Industrial Air)
CONNECTION 2 TYPE	BSP Parallel Pipe
MAXIMUM OPERATING PRESSURE	63.0 MPa
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
APPLICATION	Injection Moulding Machines
CONNECTION 1 SIZE	-4 (Size)
HEX SIZE	17 mm (see drawing legend W)
BODY MATERIAL	Steel
SPECIFICATIONS MET	BS 5200-D
DIVISION	Polymer Hose Division Europe
CONNECTION LENGTH	32 mm (see drawing legend B)
CONNECTION 1 SIZE	6.4 mm Hose I.D.
DROP LENGTH	16 mm (see drawing legend E)
CONNECTION 1 SIZE	1/4 inch Hose I.D.
FITTING LENGTH	51 mm (see drawing legend A)
PORT TYPE	DKR
FOR FLUID TYPE	Water
FOR FLUID TYPE	Lubricants (Oils)
APPLICATION	Transfer Lines
CONNECTION 1 TYPE	Hose
DIVISION	Polymer Hose Division Europe

APPLICATION	Paper Machines
CONNECTION 2 TYPE	Swivel
FOR FLUID TYPE	Coolants (Glycol)
PRODUCT TYPE	Push-Lok Hose Fittings
APPLICATION	Machine Tools
MAXIMUM OPERATING PRESSURE	630 bar
CONNECTION 2 TYPE	Female
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Elbow 45°