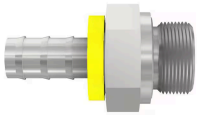
Parker Product Datasheet



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: 3AF82-6-8B
SHAPE: Straight
PORT CONNECTION: 3/8'
HEX TYPE: Metric
BODY MATERIAL: Brass
HOSE I.D. (SIZE): -8
CONNECTION 2 TYPE: Male BSP Parallel Pipe - Rigid (with O-ring)

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

HEX SIZE	22 mm (see drawing legend W)

TECHNOLOGY	Fluid & Gas Handling
BRAND	Parker
SHAPE	Straight
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
FOR FLUID TYPE	Air (General Industrial Air)
FOR FLUID TYPE	Water
CONNECTION 1 SIZE	12.7 mm Hose I.D.
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Lubricants (Oils)
MAXIMUM OPERATING PRESSURE	55.0 MPa
FOR FLUID TYPE	Coolants (Glycol)
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
CONNECTION 2 SIZE	3/8'-19 inch Thread
CONNECTION 1 TYPE	Hose
MAXIMUM OPERATING PRESSURE	550 bar
APPLICATION	Injection Moulding Machines
DIVISION	Polymer Hose Division Europe
SPECIFICATIONS MET	BS 5200-A
APPLICATION	Paper Machines
CONNECTION 1 SIZE	1/2 inch Hose I.D.
CONNECTION 2 TYPE	Rigid (with O-ring)
CONNECTION 2 TYPE	BSP Parallel Pipe
APPLICATION	Transfer Lines
CONNECTION 1 SIZE	-8 (Size)
BODY MATERIAL	Brass
APPLICATION	Machine Tools

PORT TYPE	DKR
CONNECTION LENGTH	22 mm (see drawing legend B)
CONNECTION 2 TYPE	Male
PRODUCT TYPE	Push-Lok Hose Fittings
PRODUCT TYPE	Barbed Fittings
FITTING LENGTH	49 mm (see drawing legend A)
DIVISION	Polymer Hose Division Europe