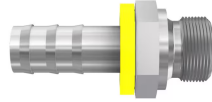


Parker Product Datasheet



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: 3D982-12-12B
SHAPE: Straight
PORT CONNECTION: 3/4'
CONNECTION 2 TYPE: Male BSP Parallel Pipe - Rigid (60° Cone)
HEX TYPE: Metric
BODY MATERIAL: Brass
HOSE I.D. (SIZE): -12

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

PRODUCT TYPE	Push-Lok Hose Fittings
CONNECTION 1 TYPE	Hose
MAXIMUM OPERATING PRESSURE	350 bar
FOR FLUID TYPE	Air (General Industrial Air)
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
CONNECTION 2 TYPE	Male
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Straight
FOR FLUID TYPE	Coolants (Glycol)
BRAND	Parker
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
CONNECTION 2 TYPE	Rigid (60° Cone)
FOR FLUID TYPE	Water
CONNECTION 2 TYPE	BSP Parallel Pipe
MAXIMUM OPERATING PRESSURE	35.0 MPa
APPLICATION	Paper Machines
APPLICATION	Machine Tools
APPLICATION	Transfer Lines
SPECIFICATIONS MET	BS 5200
APPLICATION	Injection Moulding Machines
BODY MATERIAL	Brass
DIVISION	Polymer Hose Division Europe
PRODUCT TYPE	Barbed Fittings
CONNECTION 1 SIZE	-12 (Size)
FITTING LENGTH	65 mm (see drawing legend A)
CONNECTION 1 SIZE	19.1 mm Hose I.D.

PORT TYPE	AGR
CONNECTION LENGTH	28.5 mm (see drawing Legend B)
HEX SIZE	32 mm (see drawing Legend H)
CONNECTION 2 SIZE	3/4'-14 inch Thread
DIVISION	Polymer Hose Division Europe
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 1 SIZE	3/4 inch Hose I.D.