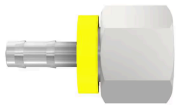
Parker Product Datasheet



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: 3CA82-10-4
SHAPE: Straight
PORT CONNECTION: 10 mm
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
BODY MATERIAL: Steel
HOSE I.D. (SIZE): -4
HEX TYPE: Metric

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	Water

APPLICATION	Transfer Lines
CONNECTION 1 SIZE	1/4 inch Hose I.D.
BRAND	Parker
APPLICATION	Machine Tools
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	Metric L
CONNECTION 2 TYPE	Swivel (24° Cone with O-Ring)
MAXIMUM OPERATING PRESSURE	500 bar
CONNECTION 2 SIZE	M16x1.5 mm Thread
CONNECTION 1 SIZE	-4 (Size)
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
CONNECTION 2 TYPE	Female
FOR FLUID TYPE	Lubricants (Oils)
FITTING LENGTH	37 mm (see drawing legend A)
FOR FLUID TYPE	Air (General Industrial Air)
FOR FLUID TYPE	Coolants (Glycol)
DIVISION	Polymer Hose Division Europe
PRODUCT TYPE	Push-Lok Hose Fittings
HEX SIZE	19 mm (see drawing legend W)
TUBE OUTSIDE DIAMETER	10 mm
CONNECTION LENGTH	18 mm (see drawing legend B)
PORT TYPE	DKOL
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING PRESSURE	50.0 MPa
BODY MATERIAL	Steel
SHAPE	Straight
CONNECTION 1 TYPE	Hose

SPECIFICATIONS MET	ISO 12151-2-SWS-L
APPLICATION	Injection Moulding Machines
CONNECTION 1 SIZE	6.4 mm Hose I.D.
PRODUCT TYPE	Barbed Fittings
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
APPLICATION	Paper Machines
INDUSTRY	Industrial Manufacturing Equipment