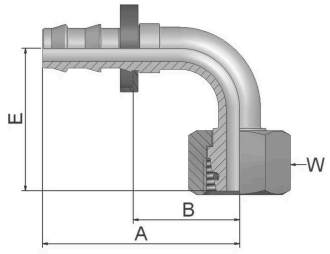
Parker Product Datasheet



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: 3CF82-18-10
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
HOSE I.D. (SIZE): -10
PORT CONNECTION: 18 mm
BODY MATERIAL: Steel
HEX TYPE: Metric
SHAPE: Elbow 90°

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	32 mm (see drawing Legend W)

BODY MATERIAL	Steel
TUBE OUTSIDE DIAMETER	18 mm
SPECIFICATIONS MET	ISO 12151-2-SWE-L
CONNECTION LENGTH	37 mm (see drawing legend B)
FITTING LENGTH	74 mm (see drawing legend A)
DROP LENGTH	45 mm (see drawing legend E)
APPLICATION	Paper Machines
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 2 TYPE	Female
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
APPLICATION	Injection Moulding Machines
CONNECTION 1 TYPE	Hose
CONNECTION 2 TYPE	Metric L
APPLICATION	Machine Tools
APPLICATION	Transfer Lines
MAXIMUM OPERATING PRESSURE	400 bar
FOR FLUID TYPE	Lubricants (Oils)
FOR FLUID TYPE	Air (General Industrial Air)
CONNECTION 2 TYPE	Swivel (24° Cone with O-Ring)
CONNECTION 2 SIZE	M26x1.5 mm Thread
BRAND	Parker
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
CONNECTION 1 SIZE	15.9 mm Hose I.D.
FOR FLUID TYPE	Coolants (Glycol)
MAXIMUM OPERATING PRESSURE	40.0 MPa
TECHNOLOGY	Fluid & Gas Handling

CONNECTION 1 SIZE	5/8 inch Hose I.D.
DIVISION	Polymer Hose Division Europe
PRODUCT TYPE	Barbed Fittings
SHAPE	Elbow 90°
FOR FLUID TYPE	Water
CONNECTION 1 SIZE	-10 (Size)
DIVISION	Polymer Hose Division Europe
PRODUCT TYPE	Push-Lok Hose Fittings
PORT TYPE	DKOL