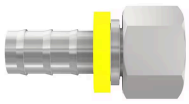
Parker Product Datasheet



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: 3C382-12-8
SHAPE: Straight
HEX TYPE: Metric
HOSE I.D. (SIZE): -8
BODY MATERIAL: Steel
PORT CONNECTION: 12 mm
CONNECTION 2 TYPE: Female Metric L - Swivel (Ball Nose for 24° or 60° Cone)

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

SHAPE	Straight

FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
HEX SIZE	32 mm (see drawing legend W)
FOR FLUID TYPE	Coolants (Glycol)
FOR FLUID TYPE	Lubricants (Oils)
TUBE OUTSIDE DIAMETER	12 mm
MAXIMUM OPERATING PRESSURE	25.0 MPa
CONNECTION 2 SIZE	M18x1.5 mm Thread
BODY MATERIAL	Steel
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	24°/ 60° Cone
CONNECTION 2 TYPE	Swivel
CONNECTION 1 TYPE	Hose
PRODUCT TYPE	Barbed Fittings
FOR FLUID TYPE	Water
BRAND	Parker
CONNECTION 1 SIZE	12.7 mm Hose I.D.
CONNECTION 2 TYPE	Metric L
INDUSTRY	Industrial Manufacturing Equipment
TECHNOLOGY	Fluid & Gas Handling
CONNECTION LENGTH	18 mm (see drawing legend B)
APPLICATION	Paper Machines
CONNECTION 1 SIZE	1/2 inch Hose I.D.
MAXIMUM OPERATING PRESSURE	250 bar
APPLICATION	Injection Moulding Machines
DIVISION	Polymer Hose Division Europe

CONNECTION 1 SIZE	-8 (Size)
APPLICATION	Transfer Lines
PORT TYPE	DKL
APPLICATION	Machine Tools
PRODUCT TYPE	Push-Lok Hose Fittings
FITTING LENGTH	74 mm (see drawing legend A)
DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Air (General Industrial Air)