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: 3C582-18-10C
CONNECTION 2 TYPE: Female Metric L - Swivel (Ball Nose for 24° or 60° Cone)
SHAPE: Elbow 90°
HEX TYPE: Metric
HOSE I.D. (SIZE): -10
PORT CONNECTION: 18 mm
BODY MATERIAL: Stainless Steel

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	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
CONNECTION 1 SIZE	-10 (Size)
SPECIFICATIONS MET	BS 5200
CONNECTION 2 SIZE	M26x1.5 mm Thread
FITTING LENGTH	74 mm (see drawing legend A)
FOR FLUID TYPE	Coolants (Glycol)
CONNECTION 1 SIZE	5/8 inch Hose I.D.
HEX SIZE	32 mm (see drawing Legend W)
FOR FLUID TYPE	Water
PORT TYPE	DKL 90°
CONNECTION 1 SIZE	15.9 mm Hose I.D.
DIVISION	Polymer Hose Division Europe
BODY MATERIAL	Stainless Steel
CONNECTION LENGTH	37 mm (see drawing legend B)
FOR FLUID TYPE	Lubricants (Oils)
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Air (General Industrial Air)
TUBE OUTSIDE DIAMETER	18 mm
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
DROP LENGTH	43 mm (see drawing legend E)
DIVISION	Polymer Hose Division Europe
PRODUCT TYPE	Barbed Fittings
CONNECTION 2 TYPE	Swivel (24° / 60° Cone)
CONNECTION 2 TYPE	Male
APPLICATION	Paper Machines
INDUSTRY	Industrial Manufacturing Equipment

APPLICATION	Transfer Lines
CONNECTION 2 TYPE	Metric L
APPLICATION	Injection Moulding Machines
PRODUCT TYPE	Push-Lok Hose Fittings
CONNECTION 1 TYPE	Hose
MAXIMUM OPERATING PRESSURE	160 bar
SHAPE	Elbow 90°
MAXIMUM OPERATING PRESSURE	16.0 MPa
APPLICATION	Machine Tools
BRAND	Parker