

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: 3C582-10-6C
PORT CONNECTION: 10 mm
CONNECTION 2 TYPE: Female Metric L - Swivel (Ball Nose for 24° or 60° Cone)
HEX TYPE: Metric
HOSE I.D. (SIZE): -6
BODY MATERIAL: Stainless Steel
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. 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

BODY MATERIAL	Stainless Steel
FOR FLUID TYPE	Air (General Industrial Air)
FOR FLUID TYPE	Water
CONNECTION LENGTH	27 mm (see drawing legend B)
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	Swivel (24° / 60° Cone)
PORT TYPE	DKL 90°
SHAPE	Elbow 90°
CONNECTION 2 TYPE	Female
CONNECTION 1 SIZE	3/8 inch Hose I.D.
CONNECTION 2 TYPE	Metric L
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING PRESSURE	250 bar
APPLICATION	Injection Moulding Machines
PRODUCT TYPE	Barbed Fittings
MAXIMUM OPERATING PRESSURE	25.0 MPa
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Paper Machines
CONNECTION 1 SIZE	9.5 mm Hose I.D.
FITTING LENGTH	49 mm (see drawing legend A)
TUBE OUTSIDE DIAMETER	10 mm
CONNECTION 1 TYPE	Hose
APPLICATION	Transfer Lines
CONNECTION 2 SIZE	M16x1.5 mm Thread
BRAND	Parker
APPLICATION	Machine Tools
TECHNOLOGY	Fluid & Gas Handling

DROP LENGTH	35 mm (see drawing legend E)
HEX SIZE	19 mm (see drawing legend W)
PRODUCT TYPE	Push-Lok Hose Fittings
CONNECTION 1 SIZE	-6 (Size)
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
FOR FLUID TYPE	Coolants (Glycol)
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
DIVISION	Polymer Hose Division Europe