

# Hydraulic Fittings

## EO-PSR, EO-2, EO2-FORM

EO-PSR



New, chromium(VI)-free fitting generation, according to standard ISO 8434-1. Consisting of: EO-Plus for metallic sealed connections, EO2-Plus for soft sealed connections and EO2-Form for soft sealed cold-formed tube connections. Gives maximum safety even at extreme pressures, 500 hours corrosion resistance against white rust.

EO-2



Product range:  
Series L from 6 to 42 mm tube o.d.  
Series S from 6 to 38 mm tube o.d.

EO2-FORM



Material: steel, stainless steel  
Sealing material (EO2-Plus/EO2-Form): NBR/FPM.  
Nominal pressure PN: Series L up to 500 bar  
Series S up to 800 bar.  
Sizes 20S 38S: 420 bar.

## Parker O-Lok®

O-Ring Face Seal Fittings (ORFS)



Soft seal fittings provide leak-free connections for high pressure hydraulic systems. Excellent where reliability, versatility and ease of assembly are important factors. For rigid tubing and hoses.

Material: steel and stainless steel, brass on request.  
Sizes: tube o.d. 6 to 50 mm (1/4" to 2").  
Port threads: BSPP, metric ISO 6149 and DIN 3852, UNE, NPTF.  
Nominal pressure PN: up to 630 bar.  
Standards: ISO 8434-3, SAE J1453.

## Triple-Lok® Fittings

37° Flare Fittings



Triple-Lok® fittings are rated up to 500 bar nominal pressure with 4x design factor. Standards: ISO 8434-2, SAE J514. The robust adjustable port connections eliminates potential assembly errors. All fittings are with Cr(VI)-free surface and achieve a corrosion resistance of 120 hours to first white rust, exceeding industry standards. Triple-Lok fittings offer the broadest range of sizes and configurations of any fitting.

## Parflange® F37



For high pressure tube flange connections without welding.

# Quick Couplings

Low Pressure – Pneumatic Applications



Push-to-connect quick couplings meeting the requirements of the “European profile”, ISO 6150-B or ISO 6150-C. Also available with improved flow characteristics, which allows their use with any type of pneumatic equipments. The range is completed with safety versions conforming to ISO 4414 standard, which is designed to prevent hose whip.

Material: brass, steel or polyamide.

Sizes: from 1/4” to 1/2”; DN 7,2 mm up to 10 mm.

Threads: BSPP, BSPT, hose barb and Parker Push-Lok.

Flow rates: up to 4160 l/min.

Rated pressure: up to 35 bar.

High Pressure



Quick couplings combining the advantages of high pressure capability with well proven designs: flush-faced poppet for reduced spillage, threaded types to connect under pressure, ball locking mechanism for ease and rapidity of use. Most of the series are interchangeable with similar designs.

Materials: steel and stainless steel.

Sizes: 1/4” and 3/8”

Threads: BSPP, NPTF, NPSE, UNF.

Rated pressure: up to 1500 bar.

Medium Pressure – Industrial Hydraulic and Chemical



For each application, we have a solution: general purpose 60 series meeting ISO 7241-1-B standard, FEM series according to ISO 16028, with flat-faced poppet to protect work place and environment, FS series in stainless steel for use with corrosive fluids or ST series without valving for high flow and low pressure drop.

Materials: brass, steel and stainless steel.

Sizes: from 1/8” to 2 1/2”

Threads: BSPP, BSPT, NPT(F), NPSE, UN(F).

Rated pressure: up to 460 bar.

Where corrosion resistance is vital stainless steel is the perfect solution



Parker offers a complete range of 1 or 2 piece hose fittings for low, medium and high pressure hydraulic hoses - everything from one source and approved by well known international classification bodies.

Thanks to their resistance to corrosion and acids, all components in superior quality stainless steel grade 1,457 are suitable for tough environments.

# Rubber Hoses

## Parkrimp *Elite* Compact *No-Skive* Hoses



This advanced range of medium pressure hoses includes:

- Elite compact hoses that exceed all EN requirements.
- No-Skive hoses meeting these standards:

EN 853, SAE 100 R1AT, SAE 100 R2AT and SAE100 R16

Parker's Elite compact hoses are a good choice whenever a small bending radius is required with high working pressures and outstanding media compatibility. The proven functionality of the Elite Compact hoses and compatible Parker 46 series fittings provides increased safety and reliability. The Elite product line includes one and two wire braided rubber hoses that meet or even exceed the requirements of the EN857 standard. Series 46 compact hoses and fittings are compatible with the Parkrimp family of crimpers, consisting of the KarryKrimp 1 or 2 and the Parkrimp 2, to create a complete system solution comprising No-Skive hose, No-Skive fittings and crimping tools with a worldwide warranty and guaranteed availability.

Construction: Abrasion and ozone resistant cover made of synthetic rubber, one or two braids of high tensile steel wire reinforcement and a nitrile (NBR) inner tube.

Dimensions: sizes -4 to -20.

Working pressure: up to 42.5 MPa.

Temperature range: -50 °C to +100 °C.

## SAE 100R5 Air Brakes/Cooling Systems and 2TE Hydraulic Hoses



These hoses are the ideal solution for air brake systems, diesel engine cooling systems and air conditioning units. Parker has a special range of fittings for these hose types (series 26), which is designed as a No-Skive system. Some of these hose types have a fire-resistant construction. The hose construction varies according to the working pressure, and consists of several braids of textile or steel wire, with synthetic rubber for inner and outer layers.

Working pressures up to 207 bar.

Temperature range: -50 °C to +150 °C.

Dimensions: sizes -4 to -32.

## Parkrimp Compact *No-Skive* Twin Hoses



This compact twin hose made of vulcanized rubber combines a highly abrasion resistant outer cover with extreme flexibility at a constant working pressure of 210 bar. These hoses are particularly suitable for extremely small bending radii, for example in forklifts, cranes or lifts.

Working pressures: up to 210 bar.

Temperature range: -40 °C to +80 °C.

Dimensions: sizes 4 to 10.

Low pressure push-to-fit hose system