

Parker Product Datasheet



Parker's stainless steel non-spill, flat face hydraulic couplers are ideal for use in applications where chemical or corrosive fluid lines require fast and easy connection and disconnection with minimal spillage and limited air inclusion.

PART NUMBER: FS-251-4MP
CONNECTION TYPE: Male NPTF
COUPLING HALF: Female Coupler
CONNECTION THREAD SIZE (INCH): 1/4 - 18
BODY SIZE (INCH): 1/4

PRODUCT OVERVIEW

FS Series Hydraulic Couplers (2000 psi), connect with FS Series Nipples.

Parker's FS Series are stainless steel non-spill, flat face hydraulic couplings are designed to minimize spillage and air inclusion when connecting or disconnecting to result in minimal environmental contamination. These quick couplings are ideal for closed system transfer and dispensing of chemicals and other fluids. FS quick connect fittings are available in a range of sizes.

Technical Characteristics:

- Sizes: 1/4" – 1"
- Materials: 316 Stainless Steel

- Port Ends: Male NPT, Female NPTF, Female UNF
- Seal Options: Fluorocarbon, Ethylene Propylene, Neoprene

Markets:

- Chemical processing and handling
- Food processing
- Corrosive fluid handling
- Agriculture

Features/Benefits:

- Push-to-connect operation makes connection easy with one hand
- Corrosion resistant 316 stainless steel material
- Fluorocarbon seals are compatible with many chemicals
- Non-spill, Flat Face valves minimize fluid loss when disconnecting, to reduce environmental contamination and avoid safety hazards caused by spillage.
- Flat Face valves minimize the amount of air that can enter the system when connecting fluid lines

Applications:

- Chemical dispensing systems
- Chemical processing
- Food processing
- Corrosive media transfer

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	400 °F
MAXIMUM OPERATING TEMPERATURE	300 °F
DIVISION	Quick Coupling Division
MAXIMUM OPERATING PRESSURE	2000 psi
FLOW RATE	3 gal/min
MINIMUM OPERATING TEMPERATURE	-65 °F
MINIMUM OPERATING TEMPERATURE	-15 °F
APPLICATION	Chemical Transfer
APPLICATION	Fluid Transfer
BODY MATERIAL	Stainless Steel
BODY MATERIAL	Stainless Steel 316
PRODUCT TYPE	Push to Connect
HEX SIZE	1 inch
SEAL MATERIAL	Fluorocarbon
SEAL MATERIAL	Ethylene Propylene
VALVE TYPE	Non-spill