

Parker Product Datasheet



Parker's stainless steel instrumentation quick couplers and nipples are ideal for vacuum or pressure applications where fluid or gas lines require fast and easy connection and disconnection.

PART NUMBER: 4F-Q4P-SS
MAXIMUM OPERATING PRESSURE: 3000
CONNECTION TYPE: Female NPT
COUPLING HALF: Male Nipple
CONNECTION THREAD SIZE (INCH): 1/4 - 18
BODY SIZE (INCH): 1/4
TUBE SIZE (INCH): na

PRODUCT OVERVIEW

CPI Series Couplers (fluid or gas) vacuum to 3000 psi, connect with CPI Series Nipples. Parker's CPI Series are stainless steel, push to connect quick couplings designed for use in process, power, and instrumentation applications. CPI couplers are valved and can be connected with valved or unvalved CPI Nipples. Port ends include A-Lok and CPI tube fitting configurations with bulkhead panel mount option.

Technical Characteristics:

- Sizes: 1/4", 3/8", 1/2"
- Material: 316 Stainless Steel
- Port Ends: Male NPT, Female NPT, A-Lok tube end, CPI tube end, Push-Lok hose barb
- Seal Options: Fluorocarbon, Ethylene Propylene, Neoprene, Perfluoroelastomer
- Other coupler options include: bulkhead A-Lok, bulkhead CPI

Markets:

- Instrumentation
- Chemical processing
- Laboratory testing
- Food processing
- Medical equipment
- Power Generation

Features/Benefits:

- Vacuum service to 50 millitorr or .05mm of Hg absolute pressure
- Fluorocarbon O-rings are compatible with many chemicals
- Positive valve stop prevents flow checking for smooth performance
- Push to connect with simple push pull disconnection
- Valved guide aligns valve with seat to prevent leakage
- Durable ball locking sleeve for a reliable connection

Applications:

- Laboratory equipment
- Control panels
- Calibration systems
- Portable analyzers
- Gas chromatographs
- Micro-contamination devices

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	400 °F
DIVISION	Quick Coupling Division
MAXIMUM OPERATING PRESSURE	3000 psi
MINIMUM OPERATING TEMPERATURE	-15 °F
HOSE INSIDE DIAMETER	na
APPLICATION	Instrumentation
BODY MATERIAL	316 Stainless steel

PRODUCT TYPE	Push-to-Connect
SEAL MATERIAL	na
VACUUM PRESSURE RATING	0.05 mm-Hg
VALVE TYPE	Unvalved