General Purpose – Push-To-Connect

RF Series

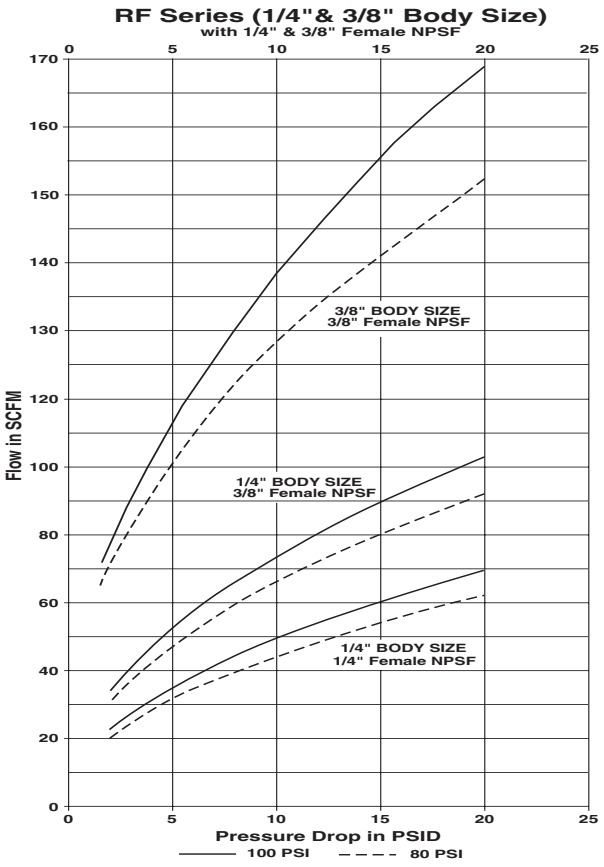
Description

The Parker RF Series pneumatic couplings offer the quality and dependability customers have come to expect from Parker's line of pneumatic quick couplings. The RF Series has been designed to increase the flow through and reduce the pressure drop over the coupling. The nipple design has a 2-1/2 times larger flow area than standard industrial interchange nipples. This, along with a specially designed coupler valve, allows tremendous flow through a coupling with an envelope size of current 1/4" couplings in the market today. The benefits to the end user are increased tool efficiency and decreased air costs.

Features

- Aerodynamic valve design.
- Flow area of the RF nipple is 2-1/2 times larger than industrial interchange nipples.
- Flow rates on 1/4" greater than many 3/8" body size couplers.
- Flow rates on 3/8" greater than many 1/2" body size couplers.
- Coupler sleeves are nickel-plated steel and coupler bodies are solid brass construction for excellent corrosion resistance. Standard RF nipples are manufactured from solid steel bar stock, case hardened and plated with yellow zinc chromate for superior service life.
- Dependable ball locking mechanism allows a swiveling action to reduce hose torque.
- Push-To-Connect design for easy one hand connection.
- Integral sleeve guard to protect against accidental disconnection.
- Wide range of port options available.
- More efficient use of compressed air due to higher flows and reduced pressure drop.
- 1/4" body size Interchanges with Rectus 25 and Cejn 32 series.
- 3/8" body size interchanges with Rectus 27 and Cejn 410 series.

Performance



Specifications

Body Size (in.)	1/4	3/8
Rated Pressure (psi)	300	300
Temperature Range (std seals)	-40° to +250°F	-40° to +250°F
Locking Device	4 balls	8 balls
Vacuum Data (inches Hg)		
Disconnected (coupler only)	Not Recommended	Not Recommended
Connected	Not Recommended	Not Recommended

How To Order

RF - 251 - 4 FP

- RF Series
- Body Size: 25 - 1/4", 37 - 3/8"
- Unit: 1 - Valved Coupler, 4 - Unvalved Nipple
- Port Size (1/16 of an inch)
- Port Configuration: FP - Female Pipe, MP - Male Pipe, HB - Standard Hose Barb, PL - Push-Lok Hose Barb