



Operation

Parker E-z-mate couplings combine push-to-connect, exhaust-style action with a self-locking valve sleeve to guard against accidental disconnection. Simply follow the direction of the On-Off arrow stamped on the yellow chromate valve sleeve. It's that easy.

To connect, push the nipple into the coupler. The black locking sleeve automatically slides forward securely locking the nipple in place. No air is allowed to flow through the coupling at this point. The yellow chromate valve sleeve is then rotated clockwise (when viewed from the coupler port end) to open flow and automatically engage the sleeve-lock mechanism.

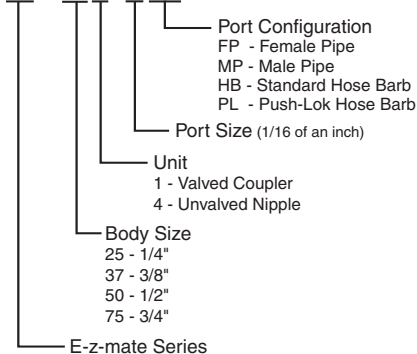
To disconnect, rotate the valve sleeve counter clockwise (when viewed from the coupler end). The flow of air through the coupling will be shut off and all downstream air is vented to the atmosphere. The locking sleeve may now be retracted and the nipple removed. Lubricate sleeve as part of periodic maintenance to coupler.

Specifications

Body Size (in.Z)	1/4	3/8	1/2	3/4
Rated Pressure (PSI)	300	300	300	300
Temperature Range (std seals)	-40° to +250° F.			
Locking Device	4 balls	4 balls	6 balls	8 balls
Force required to Connect (lbs)	Less than 10			
Vacuum Service	Not recommended			

How To Order

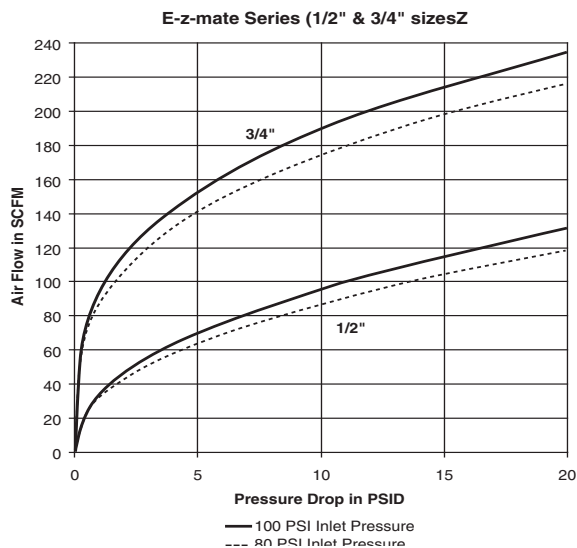
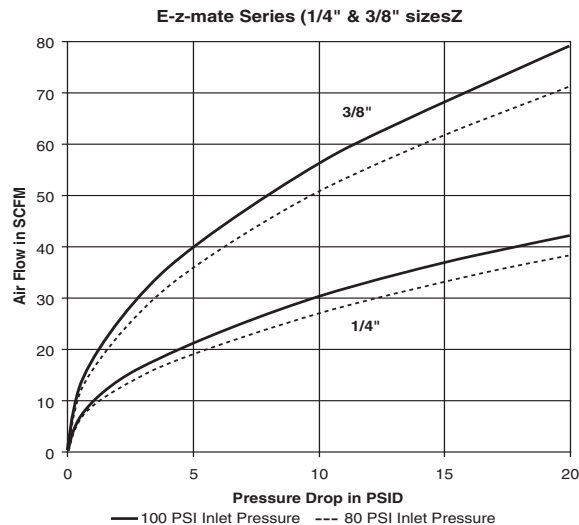
EZ - 251 - 4 FP



Features

- Parker's E-z-mate is an exhaust type coupler that is designed to exhaust air pressure prior to the disconnection process.
- The valve sleeve acts as an integral shut-off valve that allows connection and disconnection at zero pressure. When the sleeve is moved to shut off air flow, it automatically vents downstream allowing for disconnection at zero pressure and eliminating the risk of "hose whip."
- Meets ISO 4414 requirements for a controlled pressure release system.
- Built-in sleeve-lok mechanically locks the valve sleeve to help prevent accidental disconnects.
- Proven ball locking mechanism evenly distributes load to resist wear and provide positive connections. The ball locking mechanism also provides accurate alignment and allows a swiveling action to reduce hose torque.
- O-ring interface seal assures "bubble tight" seal and long service life.
- E-z-mate Series couplings use industrial interchange nipples.
- Brass versions available. Contact the division for availability.

Performance

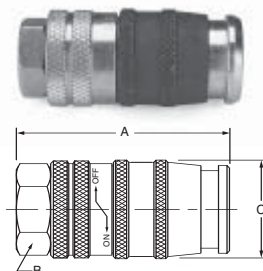


Pneumatic Quick Couplings

Special Purpose – Exhaust - Steel E-z-mate Series Industrial Interchange

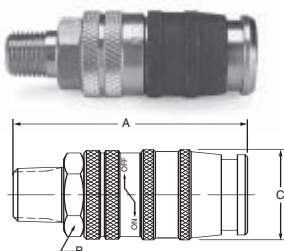
Couplers

Female Pipe Thread



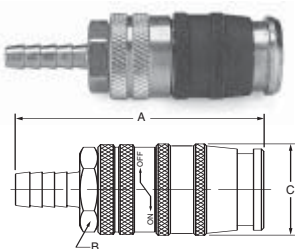
Body Size (in.Z)	New Part No. Steel	Old Part No. Steel	Thread Size NPTF	Dimensions (in.Z)			Wt. (LBZ P/Piece)
				Overall Length	Hex Size	Largest Diameter	
				A	B	C	
1/4	EZ-251-4FP	EZ304F-4T	1/4-18	2.25	0.75	1.00	0.25
1/4	EZ-251-6FP	EZ304F-6T	3/8-18	2.68	0.88	1.01	0.29
3/8	EZ-371-6FP	EZ306F-6T	3/8-18	2.53	0.88	1.18	0.38
3/8	EZ-371-8FP	EZ306F-8T	1/2-14	3.00	1.12	1.30	0.50
1/2	EZ-501-8FP	EZ308F-8T	1/2-14	3.01	1.12	1.38	0.65
1/2	EZ-501-12FP	EZ308F-12T	3/4-14	3.44	1.38	1.59	0.70
3/4	EZ-751-12FP	EZ312F-12T	3/4-14	3.01	1.38	1.57	0.76
3/4	EZ-751-16FP	EZ312F-16T	1-11 1/2	3.52	1.56	1.80	0.92

Male Pipe Thread



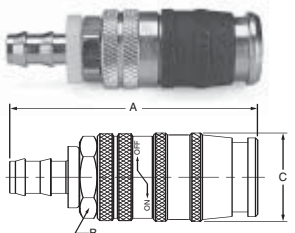
Body Size (in.Z)	New Part No. Steel	Part No. Steel	Thread Size NPTF	Dimensions (in.Z)			Wt. (LBZ P/Piece)
				Overall Length	Hex Size	Largest Diameter	
				A	B	C	
1/4	EZ-251-4MP	EZ304M-4T	1/4-18	2.85	0.75	1.00	0.30
1/4	EZ-251-6MP	EZ304M-6T	3/8-18	2.87	0.75	1.00	0.31
3/8	EZ-371-6MP	EZ306M-6T	3/8-18	3.10	0.88	1.18	0.44
1/2	EZ-501-8MP	EZ308M-8T	1/2-14	3.62	1.12	1.38	0.73
3/4	EZ-751-12MP	EZ312M-12T	3/4-14	3.70	1.38	1.57	0.90

Standard Hose Barb



Body Size (in.Z)	New Part No. Steel	Old Part No. Steel	Hose I.D.	Dimensions (in.Z)			Wt. (LBZ P/Piece)
				Overall Length	Hex Size	Largest Diameter	
				A	B	C	
1/4	EZ-251-4HB	EZ304HB-4T	1/4	3.20	0.75	1.00	0.28
1/4	EZ-251-6HB	EZ304HB-6T	3/8	3.20	0.75	1.00	0.29
3/8	EZ-371-6HB	EZ306HB-6T	3/8	3.43	0.88	1.18	0.42
1/2	EZ-501-8HB	EZ308HB-8T	1/2	4.06	1.12	1.40	0.70

Push-Lok Hose Barb*



Body Size (in.Z)	New Part No. Steel	Old Part No. Steel	Hose I.D.	Dimensions (in.Z)			Wt. (LBZ P/Piece)
				Overall Length	Hex Size	Largest Diameter	
				A	B	C	
1/4	EZ-251-4PL	EZ304PL-4T	1/4	3.03	0.75	1.00	0.28
1/4	EZ-251-6PL	EZ304PL-6T	3/8	3.18	0.75	1.00	0.29
3/8	EZ-371-6PL	EZ306PL-6T	3/8	3.38	0.88	1.18	0.42
1/2	EZ-501-8PL	EZ308PL-8T	1/2	3.91	1.12	1.38	0.70

* Push-Lok hose barbs are designed for use with Parker Push-Lok hose and do not require clamps.

Note: See Table of Contents for Industrial Interchange nipples used with E-z-mate Series couplers.