



Parker's 10 Series Pneumatic Couplers are the original Tru-Flate design, commonly referred to as the automotive interchange. 1/4" body size has a brass body, while standard 3/8" and 1/2" body sizes have all steel construction. Sleeve options include Sleeve-Lok and Grip-Ring sleeve.

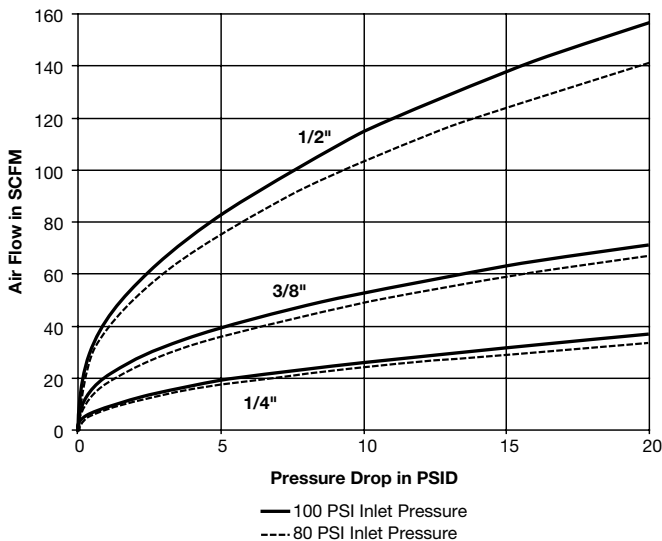
Features:

- Integral sleeve guard resists accidental disconnection
- Tubular valve delivers high air flow with minimal pressure drop
- 3/8" and 1/2" size options include brass body with steel sleeve
- Brass body option with stainless steel springs and locking balls is available for added corrosion resistance
- Standard seal is Nitrile
- Steel nipples are case hardened

Applications include:

- Air compressors
- Pneumatic tools
- Water
- Grease
- Paint

Performance 10 Series (1/4", 3/8", 1/2" sizes)



10 Series Specifications

Body Size	1/4	3/8	1/2
Rated Pressure (psi)	300		
Temperature Range (std seals)	-40° to +250° F		
Locking Device	4 balls	8 balls	8 balls
Vacuum Data (in. Hg.)	—		
Disconnected (coupler only)	Not Recommended		
Connected	27.4		

Repair Kits

Body Size	Seal Material	Part No.
1/4	Nitrile	21K
1/4	Ethylene Propylene	21KW
1/4	Fluorocarbon	21KY
3/8	Nitrile	14K
3/8	Ethylene Propylene	14KW
3/8	Fluorocarbon	14KY
1/2	Nitrile	16K
1/2	Ethylene Propylene	16KW
1/2	Fluorocarbon	16KY

Optional Materials and Features:

(add code to part number)

Code	Description	Part Number Example
prefix B	Brass body (Couplers - 3/8" & 1/2" sizes only)	B14F
suffix N	Stainless steel springs, locking balls & brass valves (Couplers)	B15N
suffix -SL	Sleeve-Lok (Couplers)	15-SL
suffix R	Grip Ring sleeve (Couplers)	15R
suffix W	Ethylene Propylene seal material (-65° to + 400° F) (Couplers)	B15W
suffix Y	Fluorocarbon seal material (-30° to + 400° F) (Couplers)	B15Y

Contact QCD for availability and additional options.

To select proper seal materials, see Fluid Compatibility Chart or contact QCD.



Nipples - Female Pipe Thread



Body Size	Part No. Brass	Part No. Steel	Thread Size	Length	Exposed Length**	Largest Diameter	Wrench Flats	Weight (lbs)
1/4	-	1C	1/8-27 NPTF	1.28	0.55	0.58	0.50	0.05
1/4	B3C	3C	1/4-18 NPTF	1.47	0.74	0.72	0.62	0.05
1/4	-	3C-E	3/8-18 NPTF	1.50	0.77	0.94	0.81	0.07
3/8	-	1E	1/4-18 NPTF	1.60	0.67	0.72	0.62	0.07
3/8	-	3E	3/8-18 NPTF	1.68	0.77	0.94	0.81	0.10
1/2	-	1F	3/8-18 NPTF	2.05	0.83	0.94	0.81	0.13
1/2	-	3F	1/2-14 NPTF	2.27	1.05	1.16	1.00	0.18
1/2	-	H3F-G	3/4-14 NPTF	2.38	1.13	1.44	1.25	0.26

Nipples - Male Pipe Thread



Body Size	Part No. Brass	Part No. Steel	Part No. Stainless ***	Thread Size	Length	Exposed Length**	Largest Diameter	Wrench Flats	Weight (lbs)
1/4	-	0C		1/8-27 NPTF	1.47	0.74	0.58	0.50	0.04
1/4	B2C	2C	S2C	1/4-18 NPTF	1.62	0.89	0.65	0.56	0.06
1/4	-	2C-E	-	3/8-18 NPTF	1.72	0.99	0.80	0.69	0.05
3/8	-	0E	-	1/4-18 NPTF	1.88	0.95	0.72	0.62	0.08
3/8	-	2E	-	3/8-18 NPTF	1.90	0.98	0.80	0.69	0.09
1/2	-	0F	-	3/8-18 NPTF	2.33	1.12	0.79	0.69	0.13
1/2	-	2F	-	1/2-14 NPTF	2.48	1.27	1.01	0.88	0.17
1/2	-	H2F-G	-	3/4-14 NPTF	2.53	1.29	1.30	1.13	0.24

** This dimension represents portion of nipple that is exposed when nipple is inserted in a Parker 10 Series coupler

*** Prop 65 Warning does not apply to stainless steel part numbers

Nipples - Standard Hose Barb



Body Size	Part No. Steel	Hose I.D.	Length	Exposed Length**	Largest Diameter	Weight (lbs)
1/4	8C	1/4	1.63	.090	0.45	0.04
1/4	9C	3/8	2.00	1.27	0.55	0.05
3/8	5E	3/8	1.81	0.98	0.59	0.07
1/2	H4F	3/8	2.36	1.29	0.66	0.08
1/2	5F	1/2	2.36	1.60	0.66	0.11
1/2	H5F-G	3/4	2.95	1.91	0.87	0.18

** This dimension represents portion of nipple that is exposed when nipple is inserted in a Parker 10 Series coupler



WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



Nipples - Push-Lok Hose Barb*



Body Size	Part No. Steel	Hose I.D.	Length	Exposed Length**	Largest Diameter	Weight (lbs)
1/4	8CP	1/4	1.66	0.93	0.45	0.04
1/4	9CP	3/8	1.98	1.25	0.86	0.05
3/8	5EP	3/8	1.98	1.06	0.59	0.08
1/2	H4FP	3/8	2.52	1.27	0.86	0.11
1/2	H5FP	1/2	2.66	1.42	0.97	0.11

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

**This dimension represents portion of nipple that is exposed when nipple is inserted in a Parker 10 Series coupler

Couplers - Female Pipe Thread



Body Size	Part No. Brass	Part No. Steel	Thread Size	Length	Largest Diameter	Wrench Flats	Weight (lbs)
1/4	B13A	-	1/8-27 NPTF	1.83	0.90	0.75	0.19
1/4	B13	-	1/4-18 NPTF	1.83	0.90	0.75	0.19
1/4	B13E	-	3/8-18 NPTF	1.95	0.94	0.81	0.31
3/8	-	15C	1/4-18 NPTF	2.22	1.06	0.88	0.30
3/8	B15*	15	3/8-18 NPTF	2.28	1.06	0.88	0.34
3/8	-	15F	1/2-14 NPTF	2.55	1.16	1.00	0.46
1/2	-	17E	3/8-18 NPTF	2.74	1.19	1.00	0.46
1/2	B17*	17	1/2-14 NPTF	2.96	1.19	1.00	0.50
1/2	-	17G	3/4-14 NPTF	3.19	1.44	1.25	0.20

* Coupler has brass body and steel sleeve.

Couplers - Male Pipe Thread



Body Size	Part No. Brass	Part No. Steel	Thread Size	Length	Largest Diameter	Wrench Flats	Weight (lbs)
1/4	B12A	-	1/8-27 NPTF	1.89	0.90	0.75	0.17
1/4	B12	-	1/4-18 NPTF	2.05	0.90	0.75	0.18
1/4	B12E	-	3/8-18 NPTF	2.08	0.90	0.75	0.19
3/8	-	14C	1/4-18 NPTF	2.36	1.06	0.88	0.26
3/8	B14*	14	3/8-18 NPTF	2.39	1.06	0.88	0.27
3/8	-	14F	1/2-14 NPTF	2.55	1.06	0.88	0.28
1/2	-	16E	3/8-18 NPTF	2.93	1.19	1.00	0.42
1/2	B16*	16	1/2-14 NPTF	3.08	1.19	1.00	0.45
1/2	-	16G	3/4-14 NPTF	3.21	1.30	1.13	0.50

* Coupler has brass body and steel sleeve.

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Couplers - Standard Hose Barb



Body Size	Part No. Brass	Part No. Steel	Hose I.D.	Length	Largest Diameter	Wrench Flats	Weight (lbs)
1/4	B10-3B	-	1/4	2.49	0.90	0.75	0.18
1/4	B10-4B	-	5/16	2.49	0.90	0.75	-
1/4	B10-5B	-	3/8	2.49	0.90	0.75	0.18
3/8	-	14-5B	3/8	2.60	1.06	0.88	0.26
3/8	-	14-6B	1/2	2.60	1.06	0.88	0.27
1/2	-	16-5B	3/8	3.14	1.19	1.00	0.41
1/2	-	16-6B	1/2	3.14	1.19	1.00	0.43
1/2	-	16-7B	3/4	3.60	1.19	1.00	0.48

Add suffix "N" to brass coupler part number for stainless steel springs and locking balls (ie B15N).
Add suffix "-SL" for Sleeve-Lok option.
Add suffix "R" for grip-ring sleeve (1/4" size only).

Couplers - Push-Lok Hose Barb*



Body Size	Part No. Brass	Part No. Steel	Hose I.D.	Length	Largest Diameter	Wrench Flats	Weight (lbs)
1/4	B10-3BP	-	1/4	2.32	0.90	0.75	0.19
1/4	B10-5BP	-	3/8	2.47	0.90	0.75	0.19
3/8	-	14-5BP	3/8	2.88	1.06	0.88	0.26
1/2	-	16-5BP	3/8	3.35	1.19	1.00	0.40
1/2	-	16-6BP	1/2	3.46	1.19	1.00	0.43

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



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