



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.



50 Series Pneumatic Couplers are interchangeable with ARO's 210 series. Couplers have brass bodies. Nipples are constructed of steel. Sleeve-Lok is an optional feature.

Features:

- Integral sleeve guard resists accidental disconnection
- Tubular valve delivers high air flow with minimal pressure drop
- Stainless steel springs and locking balls option is available for added corrosion resistance
- Standard seal is Nitrile

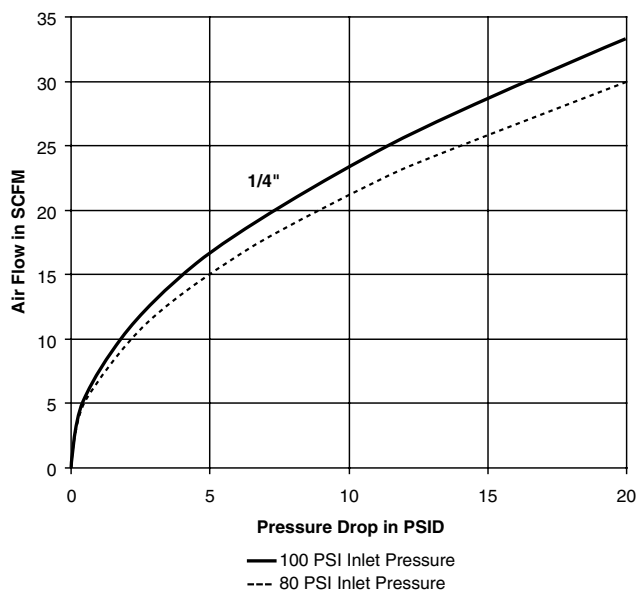
Applications include:

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



Performance

50 Series (1/4" size)



50 Series Specifications

Body Size	1/4
Rated Pressure (psi)	300
Temperature Range (std seals)	-40° to +250° F
Locking Device	4 balls
Vacuum Service	Not Recommended

Repair Kits

Body Size	Seal Material	Part No.
1/4	Nitrile	21K
1/4	Ethylene Propylene	21KW
1/4	Fluorocarbon	21KY

Optional Materials and Features:

(add code to part number)

Code	Description	Part Number Example
suffix N	Stainless steel springs, locking balls & brass valves (Couplers)	B52N
suffix -SL	Sleeve-Lok (Couplers)	B52-SL
suffix W	Ethylene Propylene seal material (-65° to + 400° F) (Couplers)	B52W
suffix Y	Fluorocarbon seal material (-30° to + 400° F) (Couplers)	B52Y

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. Steel	Thread Size	Length	Largest Diameter	Exposed Length**	Wrench Flats	Weight (lbs)
1/4	A3C	1/4-18 NPTF	1.47	0.72	0.66	0.62	0.04

Nipples- Male Pipe Thread



Body Size	Part No. Steel	Thread Size	Length	Largest Diameter	Exposed Length**	Wrench Flats	Weight (lbs)
1/4	A2C	1/4-18 NPTF	1.62	0.65	0.82	0.56	0.05

Nipples- Standard Hose Barb



Body Size	Part No. Steel	Hose I.D.	Length	Largest Diameter	Exposed Length**	Wrench Flats	Weight (lbs)
1/4	A8C	1/4	1.63	.043	0.82	0.62	0.03

Nipples- Push-Lok Hose Barb*



Body Size	Part No. Steel	Hose I.D.	Length	Largest Diameter	Exposed Length**	Wrench Flats	Weight (lbs)
1/4	A8CP	1/4	1.65	.067	0.87	0.62	0.03

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**This dimension represents portion of nipple that is exposed when nipple is inserted in a Parker 50 Series coupler