

Pneumatic Quick Couplings

General Purpose

10 Series Couplers

Tru-Flate Design

Manual sleeve, single shut off



Parker's 10 Series Pneumatic Couplers are the original Tru-Flate design. 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:

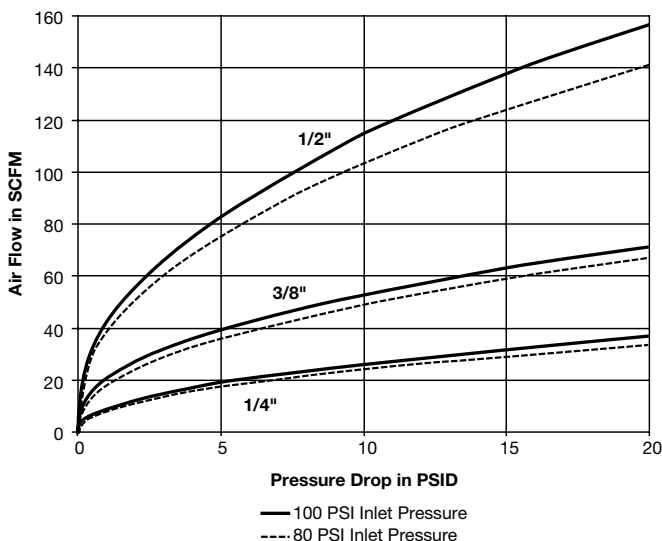
- Integral sleeve guard resists accidental disconnection
- Tubular valve delivers high air flow with minimal pressure drop
- 3/8" and 1/2" size options include brass body with steel sleeve
- Brass body option with stainless steel springs and locking balls is available for added corrosion resistance
-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

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.





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.