F-SERIES PNEUMATIC MANUAL STANDARD HOSE BARB COUPLER





** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/24/2026 01:11 AM

SKU
: 22275

BRAND
: DIXON VALVE

MODEL
: 2FS2.5-B

Specifications:
Rated pressure for connected Brass Coupler & Brass Plug: 300 PSI (20 bar) Maximum Working and 8,500 PSI (586 bar) Burst
Rated pressure for connected Brass Coupler & Steel Plug: 500 PSI (35 bar) Maximum Working and 9,000 PSI (620 bar) Burst

Construction:
Machined components are manufactured using solid bar stock.
Stainless steel balls, retaining rings and springs maximize corrosion resistance and extend service life.
Nitrile (Buna-N) seals are standard
Steel componentry is plated using ROHS Compliant Trivalent Chrome.
Steel sleeve and steel tubular valve

Compatibility & Interchange Data:
Foster 3, 4, 5 and 6 Series
Parker 20-Series Manual Interchange
Hansen 1000, 400 and 500

How it works:
To disconnect, begin by holding the hose on the nipple side with three of your fingers, leaving your thumb and index finger free.
Grab the sleeve with your thumb and index finger and begin to pull the sleeve towards the palm of your hand.
After pulling the sleeve, the nipple will move out of the coupler slightly. Continue to hold the hose and coupler sleeve until all air is fully exhausted.
After the line is fully exhausted, you are able to safely separate the nipple from the coupler.

Safety notes:
It is important to be safe when installing quick disconnect couplings into a

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pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure.

Operating pressure for couplings utilizing hose barb connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon cannot assume liability for misapplication of production resulting in equipment down-time, lost production, and/or personal injury including death.

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

Body Size	1/4"
Factory Part Number	2FS2.5-B
Hex	3/4"
Hose ID	5/16"
Length	2.53" (64.3mm)
Material	Brass
Maximum OD	0.88" (22.4mm)
Pressure Rating	See Product Details
Temperature Range	-40°F to +250°F (-40°C to +121°C)
Weight Lb	0.2000

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