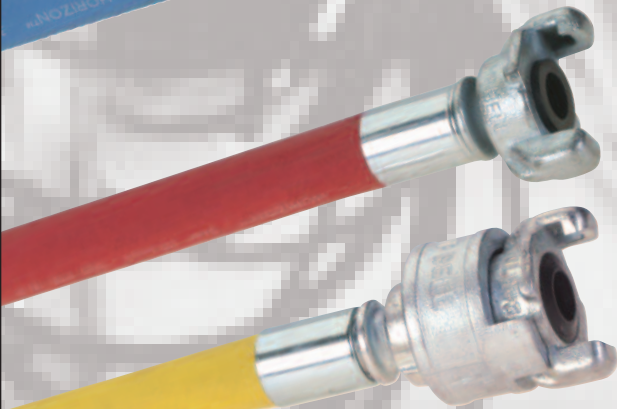
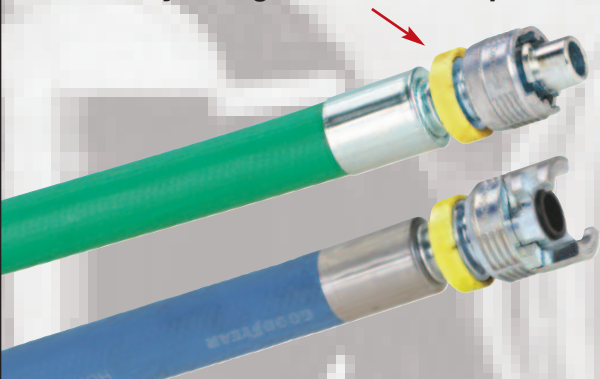


AIR HOSE COUPLINGS



Nitrogen Kills!

Specify the yellow ring!
Simply the best and safest way to avoid deadly nitrogen accidents in plant.



SAFETY AND SAVINGS!

UniversaLock, Single-lock, and Double-Lock couplings meet OSHA regulation 29CFR1915.131 and MSHA 30 CFR65.13021 requirements for air hose couplings. The fine for an unpinned/unlocked air hose coupling can be \$800 or more per infraction. Save your customer money and headaches. Use Campbell safety air hose couplings.

Single-Lock and Double-Lock Couplings (BOWES AND THOR-STYLE INTERCHANGE)

Unique safety features:

- Campbell locking sleeves are manufactured from a high-strength zinc/aluminum alloy to solve seizing and galling problems caused by rusty steel sleeves (comparison at right).
- Crimpnology hose ends for the ultimate in safe hose retention (See pressure ratings below).
- Available with first-ever "Nitrogen Only" Warning Rings for safe hose differentiation. Nitrogen kills! Always specify the yellow warning ring for Nitrogen ... on both the hose coupling and manifold coupling (below).



Steel locking sleeves rust and seize (above). Campbell's ZA sleeves don't!



Use Campbell fittings with Nitrogen-Only Warning Rings on the hose and manifold to avoid deadly cross connections

- Couplings are available with male npt, female npt, and hose end.
- Single-Lock couplings available with plated steel or brass bodies
- Double-Lock couplings available with plated steel or stainless steel bodies

Universal Couplings & UniversaLock™ Couplings

Unique safety features:

- Crimpnology hose ends for the ultimate in safe hose retention. (See pressure ratings below.)
- UniversaLock couplings automatically lock onto any universal-style coupling (right).
- Manufactured from ASTM A536 ductile iron for strength and durability



UniversaLock on jackhammer whip hose

MAXIMUM SYSTEM WORKING PRESSURE (PSI @ 70°F) SEE NOTE 1

Hose System Components			Hose Size		
Fitting/Coupling	Attachment	Hose Type ²	1/2	3/4	1
UniversaLock	Ferrule	Air	300	300	300
UniversaLock	Bolt Clamp	Air	150	150	150
Universal	Ferrule	Air	150	150	150
Universal	Bolt Clamp	Air	150	150	150
Single-Lock Coupling	Ferrule	Air	300	300	300
Double-Lock Coupling	Ferrule	Air	300	300	300

See footnotes 1, 2, and 6 on in the Pressure Rating Chart in the Campbell Web Site Tech Center

Campbell Fittings

THE LEADER IN HOSE SYSTEMS TECHNOLOGY

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