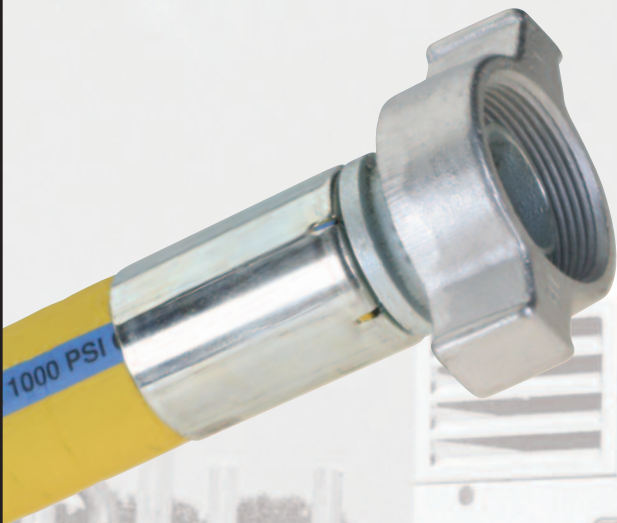
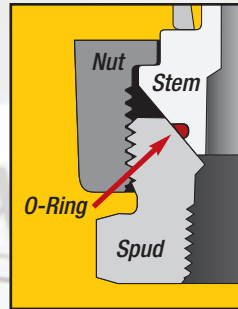


# TOUGH FITTINGS FOR BIG AIR



## Campbell Viton Seal Ground Joint Couplings Improve Safety and Save Energy



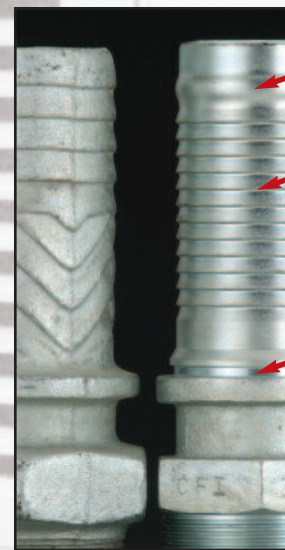
- Coupling combines metal-to-metal mating area with a Viton o-ring as a secondary seal, saving thousands of dollars in operating costs caused by leaky couplings.
- Viton o-ring allows coupling to be hand-tightened for no-leak operation!
- Campbell Viton-Seal Ground Joint Couplings are interchangeable with other ground joint-style couplings.

**Never hammer ground joint couplings again!**

### CONVENTIONAL VS. CAMPBELL

## Campbell Crimpnology™

- Campbell Crimpnology ensures that all our couplings and ferrules are designed as an integrated system to provide repeatable, measurable performance.
- There are no bolts to re-tighten, to snag equipment, or injure workers.



- ROUNDED END DETAIL**  
*Protects hose tube from unnecessary wear caused by vibration or pulsations.*
- MACHINED HOSE SERRATIONS**  
*Designed to grip, seal, and protect hose when crimped.*
- INTERLOCK GROOVE**  
*The turn-in of the ferrule interlocks with the machined groove on the fitting or coupling, providing a mechanical attachment for exceptional hose retention!*

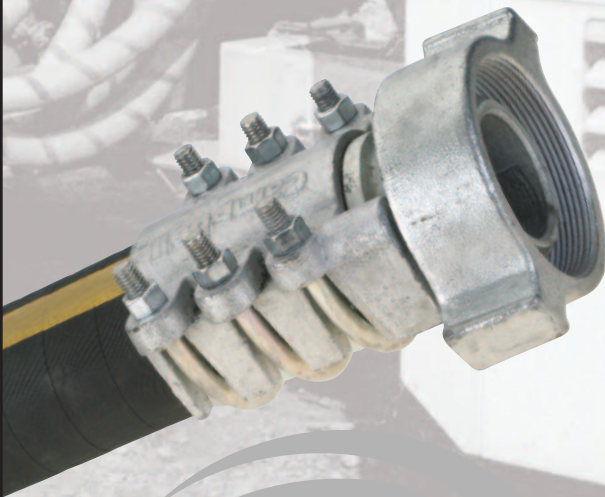
### Viton-Seal Ground Joint Pressure Ratings

Maximum System Working Pressure (PSI @ 70°F)

Attachment	1-12"	2"	2-1/2"	3"	4"
Ferrule	1000	1000	650	400	400
U-Bolt Clamp	1250	1250	800	500	500

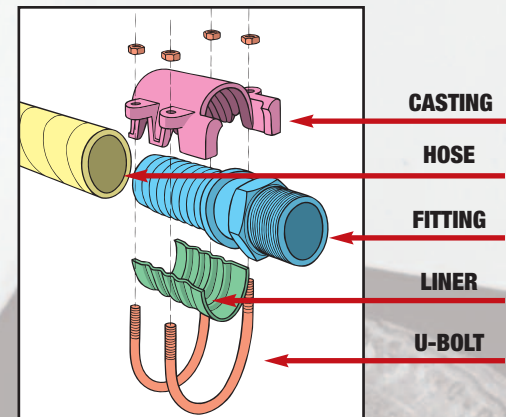
### Pressure Derating Multipliers for Elevated Temperatures (°F)

70°	90°	150°	200°	250°	300°+
1.00	0.91	0.64	0.42	0.20	N/R



## If you need a clamp, Campbell U-bolt Clamps are superior to old "clam shell" style bolt clamps.

- Perfect for field repair.
- 360° U-Bolt Clamps completely wrap around the hose and fitting, not squash from top and bottom.
- "Safety fingers" designed on the clamp casting interlock with a "collar" on the coupling for safe, secure hose retention.
- Bolts are all on one side for easier installation and re-tightening.



# Campbell Fittings

THE LEADER IN HOSE SYSTEMS TECHNOLOGY

Front & Washington Streets, Boyertown, PA 19512, USA  
800-367-3678, www.CampbellFittings.com

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