

CampbellCrimpnology™ offers hose assembly systems for your high-pressure steam and air applications



Smooth End Detail

Interlock Groove

VITON SEAL GROUND JOINT COUPLINGS, AIR HAMMER COUPLINGS, AND MALE STEMS

Features & Benefits

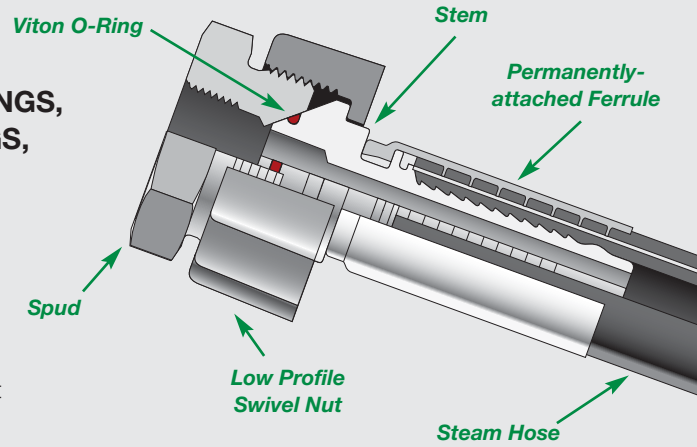
- Viton Seal Couplings pass 1000 hour MIL-H-29210 steam test.
- Eliminates leaks with nut hand tightened.
- Viton seal (formulated by DuPont for high pressure steam and air applications) is protected inside machined stem groove and by swivel nut, extending working life.
- Spud does not contain plastic seat, extending working life.
- Interchangeable with old-style domestic ground joint couplings.



- Machined hose ends with smooth end detail to reduce potential failure due to abrasion - grips, seals, and protects hose.
- Interlock groove locks ferrule into place for superior holding power.
- Crimped assemblies are low profile and eliminate sharp edges from bolts.
- Machined from carbon steel, cast ductile iron (meets ASTM A395 specification), and 316 stainless steel.

Recommended hose attachment

- Interlocking ferrules
- Interlocking U-bolt clamps (Page 21)



Swivel Interlocking Male Stem

- Designed for use with steam.
- Available with staked ferrule for crimped steam applications.
- Allows end-user easy connection into plant facilities.

Staked-On Ferrule for steam hose

Designed specifically for certain hose brands. Check with factory for information.

- Crimped steam assemblies eliminate the need for retightening bolts.
- Eliminates leaks, cuts costs caused by leaky clamps.
- Ferrule serrations bite to the wire achieving electrical continuity.
- Meets 250 PSI pressure rating for steam applications.

INTERLOCKING U-BOLT CLAMPS

Features & Benefits

- 360° design wraps completely around hose for superior retention.
- Clamps fit hoses tightly without cracking, eliminating costly rework.
- Bolts on “up side” allow easier tightening/re-tightening and improve “dragability”.
- Field repairable.

MAX. 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	1-1/4	1-1/2	2	2-1/2	3	4	6	8
Viton Ground Joint/Air Hammer Cplg Male Stem and Mender	U-Bolt Clamp	Rubber/Steam	1500	1250	1250	1250	1250	1250	800	500	500	-	-
	U-Bolt Clamp	Rubber/Steam	1500	1250	1250	1250	1250	1250	800	500	500	-	-
Viton Ground Joint Coupling	Staked Ferrule	Steam	1250	1250	1250	-	-	-	-	-	-	-	-
Viton Ground Joint/Air Hammer Cplg Male Stem	Long Ferrule	Rubber	1000	1000	1000	1000	1000	1000	650	400	400	-	-
	Long Ferrule	Rubber	1000	1000	1000	1000	1000	1000	650	400	400	-	-
	Staked Ferrule	Steam	1250	1250	1250	-	-	-	-	-	-	-	-

See footnotes 1 and 2 on Page 1