

# Figure 206 & Figure 100 Hose Unions

## Forged Steel One Piece Integral Hose Unions

*Eliminates leak path associated with threaded unions*



Figure 206	
2"	206S-8C-500
3"	206S-12C-400
4"	206S-16C-400

Figure 100	
2"	100S-8C-500
3"	100S-12C-400
4"	100S-16C-400

### Features & Benefits

- Machined from steel forgings eliminating porosity problems which may cause leaks in standard ductile iron union.
- Precision machined Campbell Crimpnology variable pitch serrations for ultimate holding and sealing.
- A fully tested and documented design which exceeds all NAHAD safety factors of 4 to 1 WP.
- An integral ferrule stop, machined into the stem provides positive ferrule location during hose assembly which greatly speeds the crimping operation.
- A retaining snap ring is installed behind the nut on the male half to capture the nut, providing easier hose assembly and field use.
- 2" - to achieve the published 500 PSI rating use:
  - Standard Ferrule (FPS200xxx)
- 3" - to achieve the published 400 PSI rating use:
  - Standard Ferrule (FPS300xxx)
- 4" - to achieve the published 400 PSI rating use:
  - Frac Ferrule (FPS400xxxF)

### Actual Hydrostatic Test Photos

#### 4" Test



Hose-Union assembly in tester prior to ASTM D380 hydrostatic test.



Hose assembly rated to 400 psi.



Hose failure at 1879 psi. (exceeding 4:1 safety factor)

#### 3" Test



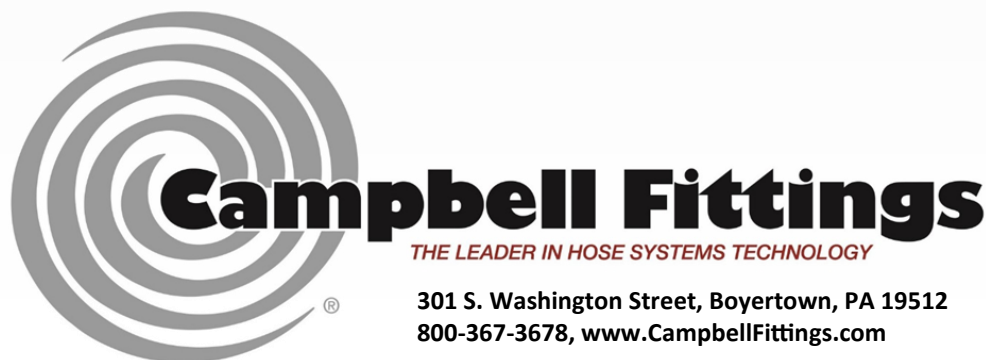
Hose-Union assembly in tester prior to ASTM D380 hydrostatic test.



Hose assembly rated to 400 psi.



Hose failure at 3467 psi. (exceeding 4:1 safety factor)



301 S. Washington Street, Boyertown, PA 19512  
800-367-3678, www.CampbellFittings.com