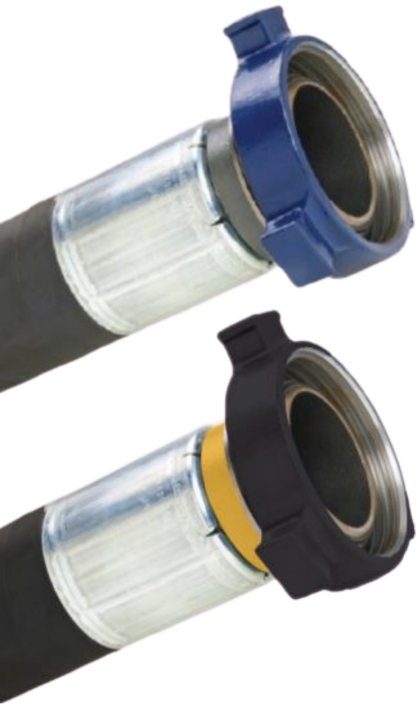




FIGURE 100 & 206 HOSE UNIONS

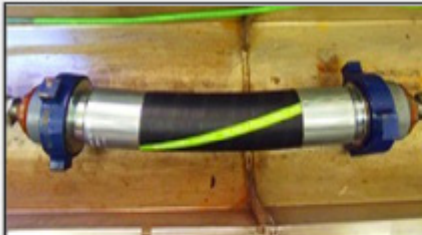


Forged Steel One Piece Integral Hose Unions *Eliminates leak path associated with threaded unions*

Features & Benefits

- Machined from steel forgings eliminating porosity problems which may cause leaks in standard ductile iron union.
- Precision machined Campbell Crimpology 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 the published 400 PSI rating use: Frac Ferrule (FPS400xxxF) steel bodies.

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)