

**Hydrostatic Test Report**

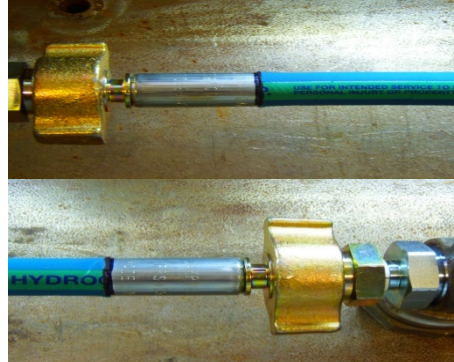
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**Prepared By: Adam Heimbach, reviewed by R. Kremer**

<b>Hose</b>	¾" Continental ContiTech Hydrocarbon, SAP# 20177678 WP – 300 PSI	<b>Compression Ratio</b>	Per Crimp Specification guide
<b>Fitting &amp; Retention</b>	HJF-3 FPS075112	<b>Highest Pressure</b>	6741 PSI
<b>End 1 Crimp Diameter &amp; Wall Thickness</b>	.173, .180, .183, .190 - .182 Avg. Crimp – 1.158	<b>Test Temperature</b>	75 F
<b>End 2 Crimp Diameter &amp; Wall Thickness</b>	.187, .192, .186, .167 - .183 Avg. Crimp – 1.158	<b>Failure Mode</b>	Hose burst E1



Prior to pressurization



E1 & E2 prior to pressurization



Hose burst close up



Highest pressure achieved



E1 post - test



E2 post - test

**Test Results:** Prior to pressurization, black marks were placed at the end of each ferrule to record hose stretch. Pressure was increased and hose stretch was nonexistent during the duration of the test. When pressure reached 6741 psi, a hose burst occurred 4-3/16" from the ferrule end at the first connection causing failure.

**Conclusion:** The ¾" Continental ContiTech Hydrocarbon Drain hose performed very well in this 75 F Hydrostatic test. The assembly reached 22.5 times the maximum working pressure of 300 psi before hose failure. Campbell's pressure recommendation for this fitting/ferrule attachment is 1000 psi @ 70 F. The performance of this test validated that rating with a 6.7 to 1 safety factor. Operating a similar hose/fitting assembly up to the full 300 WP of the hose is considered safe and adequate.