

PressureTrace Report
for

470 Nitro 500 Woodleigh SP 80/IMR 4897 Dacron Wad Chamber

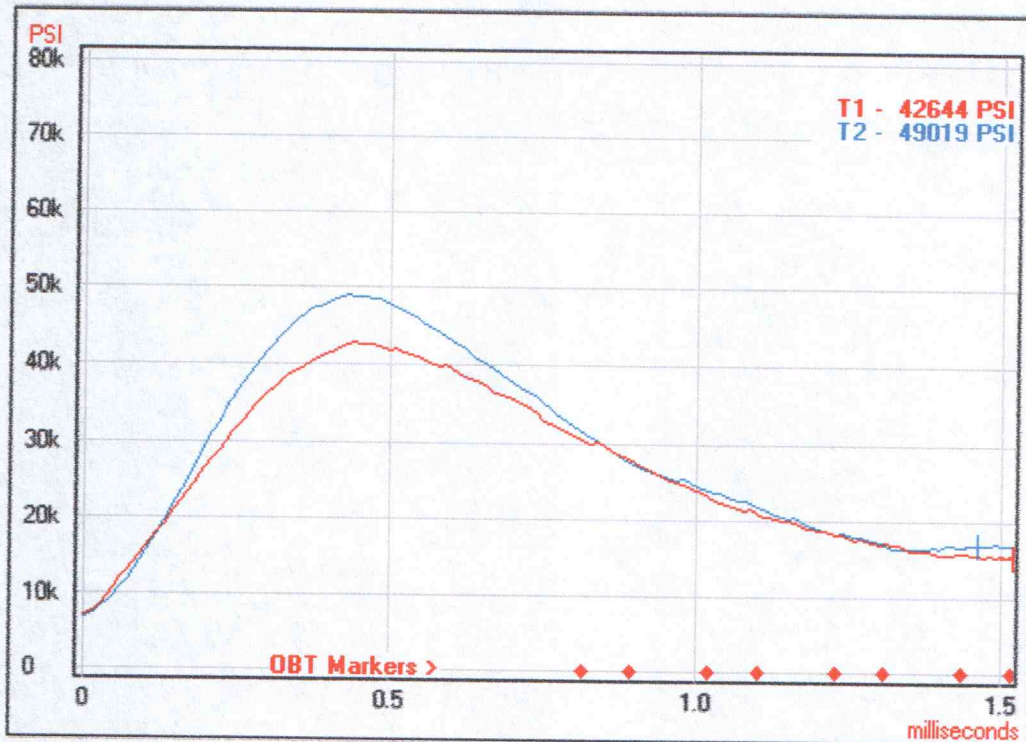
12/13/2010 9:37:14 AM

C:\Program Files\Southwest Products\PressureTrace\Traces\470 Nitro\500 Woodleigh SP 80 IMR 4895 Dacron Chamber.ptc

Temperature : 59 °F

Pressure : 29.53 in Hg

Humidity : 78 %



Trace	FPS	PSI	**Area	Rise	* Eff%		FPS	PSI	**Area	Rise
T1	1967	42644	4067K	210	100.00	Ave	2000	45832	4171K	195
T2	2034	49019	4274K	180	94.53	SD	47	4507	146K	21
						95% Prob	601	57260	1957K	260
						Hi	2034	49019	4274K	210
						Low	1967	42644	4067K	180
						ES	67	6374	206K	30

** Area is a indication of total energy delivered.
* Primarily for comparing loads with varying powder charge.
See the documentation for more information.

470 Nitro Express

Barrel OD: 1 in
Bullet Diameter: 0.474 in

Case Wall: 0.026 in
Chamber ID: 0.555 in

Barrel Length: 24 in
Case OAL: 3.25 in

Corr. Factor: 0
Gage Factor: 2.1

Trace Notes

PressureTrace Report
for

470 Nitro 500 Woodleigh SP 80/IMR 4895 Foam Chamber

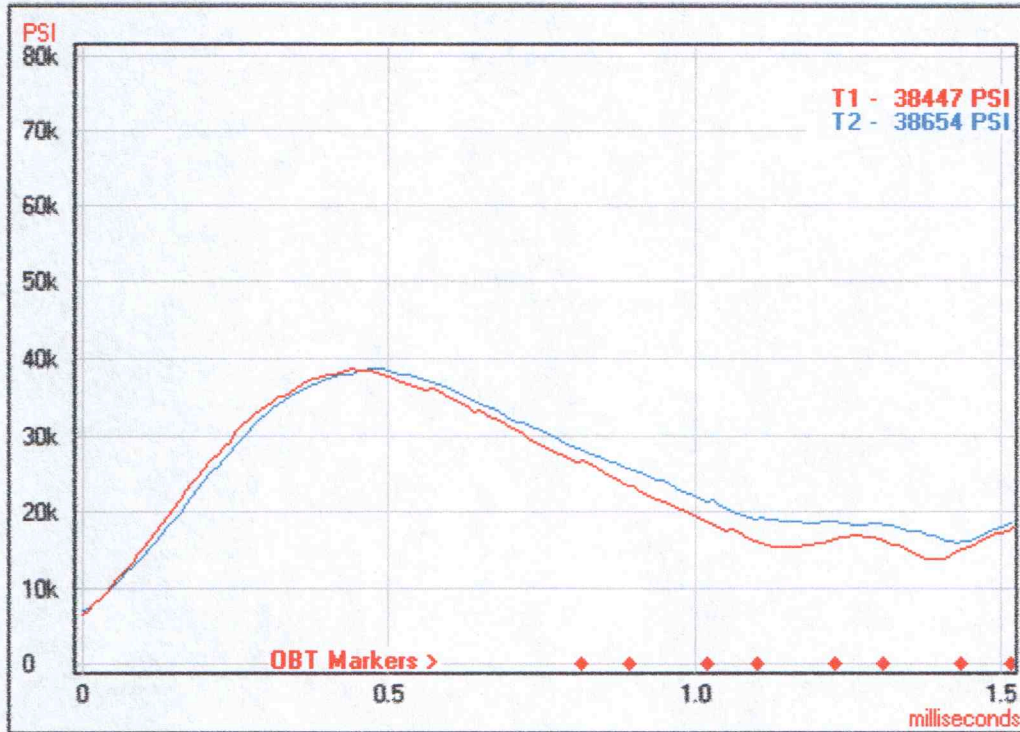
12/13/2010 9:41:19 AM

C:\Program Files\Southwest Products\PressureTrace\Traces\470 Nitro\500 Woodleigh SP 80 IMR 4895 Foam Chamber.ptc

Temperature : 59 °F

Pressure : 29.53 in Hg

Humidity : 78 %



Trace	FPS	PSI	**Area	Rise	* Eff%	Ave	FPS	PSI	**Area	Rise
T1	1949	38447	3668K	190	93.72		1950	38550	3799K	200
T2	1952	38654	3929K	210	100.00		2	144	184K	14
						95% Prob	26	1840	2344K	179
						Hi	1952	38654	3929K	210
						Low	1949	38447	3668K	190
						ES	3	207	260K	20

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Chamber ID: 0.555 in

Barrel Length: 24 in
Case OAL: 3.25 in

Corr. Factor: 0
Gage Factor: 2.1

Trace Notes

PressureTrace Report
for

470 Nitro 500 Woodleigh SP 87/RL 15 Dacron #1

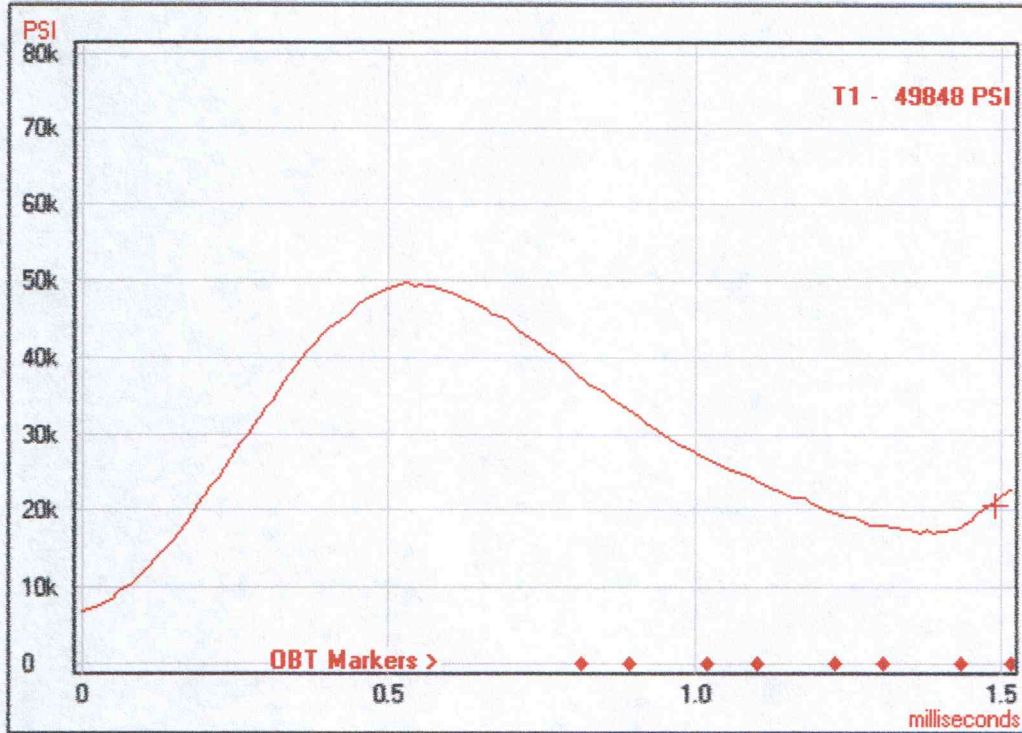
10/21/2010 9:46:36 AM

C:\Program Files\Southwest Products\PressureTrace\Traces\470 Nitro\470 Nitro 500 Wood SP 87 RL 15 Dacron #1.ptc

Temperature : 59 °F

Pressure : 29.53 in Hg

Humidity : 78 %



Trace	FPS	PSI	**Area	Rise	* Eff%	Ave	FPS	PSI	**Area	Rise
T1	2128	49848	4417K	230	100.00		2128	49848		230
						SD	0	0		0
						95% Prob	0	0		0
						HI	2128	49848		230
						Low	2128	49848		230
						ES	0	0		0

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470 Nitro Express

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Bullet Diameter: 0.474 in

Case Wall: 0.026 in
Chamber ID: 0.555 in

Barrel Length: 24 in
Case OAL: 3.25 in

Corr. Factor: 0
Gage Factor: 2.1

Trace Notes

PressureTrace Report
for

470 Nitro 500 Woodleigh SP 87/RL 15 Foam #1

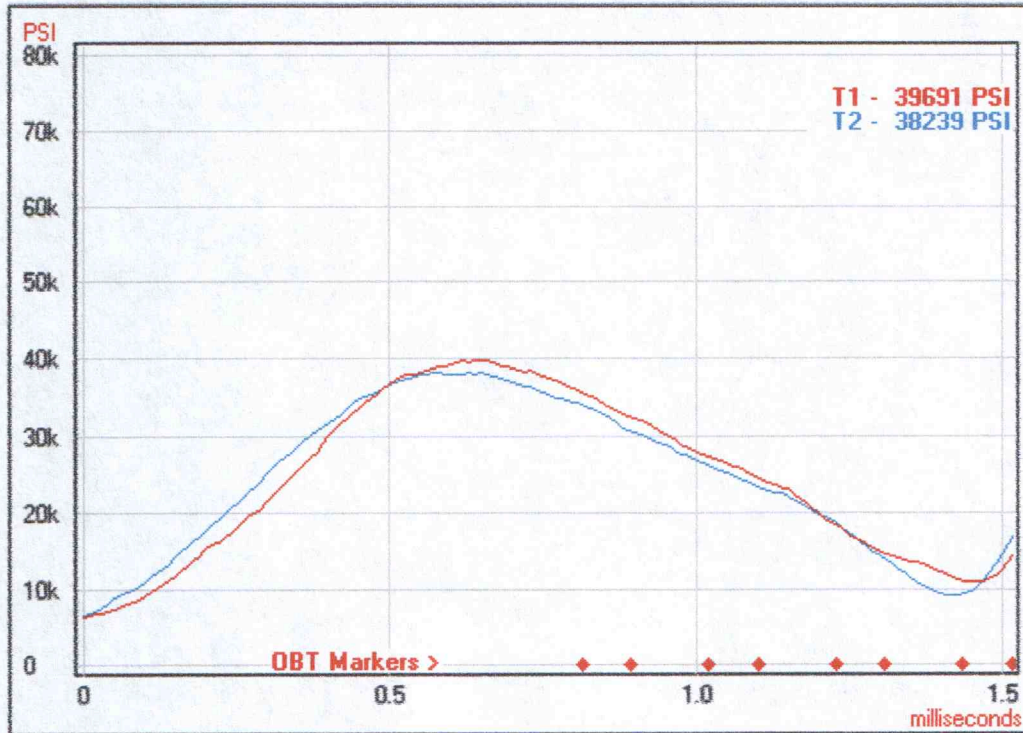
10/21/2010 9:42:05 AM

C:\Program Files\Southwest Products\PressureTrace\Traces\470 Nitro\470 Nitro 500 Wood SP 87 RL 15 Foam #1.ptc

Temperature : 59 °F

Pressure : 29.53 in Hg

Humidity : 78 %



Trace	FPS	PSI	**Area	Rise	* Eff%		FPS	PSI	**Area	Rise
T1	2026	39691	4023K	280	100.00	Ave	2019	38965	3955K	280
T2	2013	38239	3886K	280	99.61	SD	9	1025	97K	0
						95% Prob	116	13036	1234K	0
						Hi	2026	39691	4023K	280
						Low	2013	38239	3886K	280
						ES	13	1451	137K	0

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Chamber ID: 0.555 in

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Corr. Factor: 0
Gage Factor: 2.1

Trace Notes