



**PRESSURE TESTING**

P	Internal Pressure	psi
S	Hoop Stress	psi
D	Average Outside Dia.	in.
t	Min. wall thickness	in.

**Table I: Pressure Test Results**

**Clear NSF (P) Light Blue**

S	D	t	P	Time to Failure	Comments
[psi]	[in.]	[in.]	[psi]	[mins.]	
6,200	1.312	0.1275	1,335	2.4	
5,400	1.322	0.1265	1,143	78.6	
4,600	1.322	0.1283	989	423.6	

**White Furniture Grade**

S	D	t	P	Time to Failure	Comments
[psi]	[in.]	[in.]	[psi]	[mins.]	
6,200	1.318	0.1323	1,384	0.6	Barely reached target pressure.
5,400	1.320	0.1311	1,191	7.8	
4,600	1.318	0.1361	1,059	122.4	

**Clear UV (Dark Blue)**

S	D	t	P	Time to Failure	Comments
[psi]	[in.]	[in.]	[psi]	[mins.]	
6,200	1.319	0.1350	1,414	0	Failed at 1300 psi (before target pressure).
5,400	1.320	0.1321	1,201	0.6	Failure started after reaching set pressure.
4,600	1.319	0.1319	1,022	12.6	