

S = 14000		Hemispherical Heads							© 2003 Pressure Vessel Engineering Ltd. www.pveng.com											
		ASME VIII-1 UG-32(f), thickness as formed							Phone: (519)-880-9808 Fax: (519) 880-9810											
Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
12"	Max PSI at E=1.00	294.1	593.2	899.9	1206.9	1522	1842	2168	2500	3182	3889	4623	5385	6176	7000	7857	8750	10652	12727	PSI
	Max PSI at E=0.85	250.0	504.2	764.9	1025.9	1293	1566	1843	2125	2705	3306	3929	4577	5250	5950	6679	7438	9054	10818	PSI
	Max PSI at E=0.70	205.9	415.3	629.9	844.8	1065	1289	1518	1750	2227	2722	3236	3769	4324	4900	5500	6125	7457	8909	PSI
	Volume	0.25	0.25	0.24	0.23	0.22	0.22	0.21	0.20	0.19	0.18	0.16	0.15	0.14	0.13	0.12	0.11	0.09	0.08	ft^3
	Weight	4.0	7.9	11.7	10.7	13.4	16.0	18.7	21.4	26.7	32.1	37.4	42.8	48.1	53.5	58.8	64.2	74.8	86	Lbs cs
18"	Max PSI at E=1.00	195.5	393.3	594.8	795.5	1000	1207	1416	1628	2059	2500	2952	3415	3889	4375	4873	5385	6447	7568	PSI
	Max PSI at E=0.85	166.2	334.3	505.6	676.1	850	1026	1204	1384	1750	2125	2509	2902	3306	3719	4142	4577	5480	6432	PSI
	Max PSI at E=0.70	136.9	275.3	416.4	556.8	700	845	991	1140	1441	1750	2066	2390	2722	3063	3411	3769	4513	5297	PSI
	Volume	0.87	0.85	0.83	0.81	0.79	0.78	0.76	0.74	0.71	0.68	0.65	0.62	0.59	0.56	0.54	0.51	0.46	0.42	ft^3
	Weight	9.0	17.8	26.6	24.1	30.1	36.1	42.1	48.1	60.1	72.2	84.2	96.2	108.3	120.3	132.3	144.3	168.4	192	Lbs cs
24"	Max PSI at E=1.00	146.4	294.1	444.2	593.2	745	897	1052	1207	1522	1842	2168	2500	2838	3182	3532	3889	4623	5385	PSI
	Max PSI at E=0.85	124.5	250.0	377.6	504.2	633	763	894	1026	1293	1566	1843	2125	2412	2705	3002	3306	3929	4577	PSI
	Max PSI at E=0.70	102.5	205.9	311.0	415.3	521	628	736	845	1065	1289	1518	1750	1986	2227	2472	2722	3236	3769	PSI
	Volume	2.06	2.03	2.00	1.97	1.93	1.90	1.87	1.84	1.78	1.73	1.67	1.61	1.56	1.51	1.45	1.40	1.31	1.21	ft^3
	Weight	16.0	31.7	47.5	42.8	53.5	64.2	74.8	85.5	106.9	128.3	149.7	171.1	192.5	213.8	235.2	256.6	299.4	342.1	Lbs cs
30"	Max PSI at E=1.00	117.1	234.9	354.5	473.0	593	714	836	959	1207	1458	1713	1972	2234	2500	2770	3043	3603	4179	PSI
	Max PSI at E=0.85	99.5	199.7	301.3	402.0	504	607	711	815	1026	1240	1456	1676	1899	2125	2354	2587	3063	3552	PSI
	Max PSI at E=0.70	81.9	164.4	248.1	331.1	415	500	585	671	845	1021	1199	1380	1564	1750	1939	2130	2522	2925	PSI
	Volume	4.04	3.99	3.94	3.89	3.84	3.79	3.74	3.70	3.60	3.51	3.42	3.33	3.24	3.15	3.07	2.98	2.82	2.66	ft^3
	Weight	25.0	49.7	74.4	66.8	83.5	100.2	116.9	133.6	167.1	200.5	233.9	267.3	300.7	334.1	367.5	400.9	467.8	534.6	Lbs cs
36"	Max PSI at E=1.00	97.5	195.5	294.9	393.3	493	593	694	795	1000	1207	1416	1628	1842	2059	2278	2500	2952	3415	PSI
	Max PSI at E=0.85	82.9	166.2	250.7	334.3	419	504	590	676	850	1026	1204	1384	1566	1750	1936	2125	2509	2902	PSI
	Max PSI at E=0.70	68.2	136.9	206.4	275.3	345	415	486	557	700	845	991	1140	1289	1441	1595	1750	2066	2390	PSI
	Volume	7.00	6.92	6.85	6.78	6.71	6.64	6.57	6.50	6.36	6.22	6.09	5.95	5.82	5.70	5.57	5.44	5.20	4.96	ft^3
	Weight	36.0	71.7	107.4	96.2	120.3	144.3	168.4	192.5	240.6	288.7	336.8	384.9	433.0	481.1	529.2	577.4	673.6	769.8	Lbs cs
42"	Max PSI at E=1.00	83.5	167.5	252.5	336.5	422	507	593	680	854	1029	1207	1386	1567	1750	1935	2121	2500	2887	PSI
	Max PSI at E=0.85	71.0	142.3	214.6	286.1	358	431	504	578	726	875	1026	1178	1332	1488	1644	1803	2125	2454	PSI
	Max PSI at E=0.70	58.5	117.2	176.7	235.6	295	355	415	476	598	721	845	970	1097	1225	1354	1485	1750	2021	PSI
	Volume	11.12	11.03	10.93	10.83	10.73	10.63	10.54	10.44	10.25	10.06	9.88	9.70	9.52	9.34	9.16	8.99	8.65	8.31	ft^3
	Weight	49.0	97.6	146.4	131.0	163.7	196.5	229.2	262.0	327.4	392.9	458.4	523.9	589.4	654.9	720.4	785.9	916.8	1047.8	Lbs cs
48"	Max PSI at E=1.00	73.1	146.4	220.7	294.1	368	443	518	593	745	897	1052	1207	1364	1522	1681	1842	2168	2500	PSI
	Max PSI at E=0.85	62.1	124.5	187.6	250.0	313	377	440	504	633	763	894	1026	1159	1293	1429	1566	1843	2125	PSI
	Max PSI at E=0.70	51.1	102.5	154.5	205.9	258	310	363	415	521	628	736	845	955	1065	1177	1289	1518	1750	PSI
	Volume	16.62	16.49	16.36	16.24	16.11	15.98	15.86	15.73	15.48	15.23	14.99	14.75	14.51	14.27	14.04	13.81	13.35	12.91	ft^3
	Weight	64.0	127.6	191.5	171.1	213.8	256.6	299.4	342.1	427.7	513.2	598.7	684.3	769.8	855.4	940.9	1026.4	1197.5	1368.6	Lbs cs
54"	Max PSI at E=1.00	64.9	130.1	196.1	261.2	327	393	460	526	660	795	932	1069	1207	1346	1486	1628	1914	2205	PSI
	Max PSI at E=0.85	55.2	110.6	166.6	222.0	278	334	391	447	561	676	792	908	1026	1144	1264	1384	1627	1874	PSI
	Max PSI at E=0.70	45.5	91.1	137.2	182.8	229	275	322	368	462	557	652	748	845	942	1041	1140	1340	1543	PSI
	Volume	23.69	23.53	23.36	23.20	23.04	22.88	22.72	22.56	22.24	21.92	21.61	21.30	21.00	20.69	20.39	20.10	19.51	18.94	ft^3
	Weight	81.0	161.6	242.5	216.5	270.6	324.8	378.9	433.0	541.3	649.5	757.8	866.0	974.3	1082.6	1190.8	1299.1	1515.6	1732.1	Lbs cs

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Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
60"	Max PSI at E=1.00	58.4	117.1	176.4	234.9	294.1	353.5	413.2	473.0	593.2	714.3	836.2	958.9	1082.5	1206.9	1332.2	1458.3	1713.3	1971.8	PSI
	Max PSI at E=0.85	49.7	99.5	149.9	199.7	250.0	300.5	351.2	402.0	504.2	607.1	710.8	815.1	920.1	1025.9	1132.4	1239.6	1456.3	1676.1	PSI
	Max PSI at E=0.70	40.9	81.9	123.4	164.4	205.9	247.5	289.2	331.1	415.3	500.0	585.3	671.2	757.7	844.8	932.5	1020.8	1199.3	1380.3	PSI
	Volume	32.52	32.32	32.11	31.91	31.71	31.51	31.31	31.12	30.72	30.33	29.94	29.56	29.18	28.80	28.43	28.06	27.33	26.61	ft^3
	Weight	100.0	199.6	299.6	267.3	334.1	400.9	467.8	534.6	668.2	801.9	935.5	1069.2	1202.8	1336.5	1470.1	1603.8	1871.1	2138.4	Lbs cs
66"	Max PSI at E=1.00	53.1	106.4	160.2	213.4	267.2	321.1	375.2	429.4	538.5	648.1	758.5	869.6	981.3	1093.8	1206.9	1320.8	1550.6	1783.4	PSI
	Max PSI at E=0.85	45.1	90.4	136.2	181.4	227.1	272.9	318.9	365.0	457.7	550.9	644.7	739.1	834.1	929.7	1025.9	1122.6	1318.0	1515.9	PSI
	Max PSI at E=0.70	37.2	74.5	112.2	149.4	187.0	224.8	262.6	300.6	376.9	453.7	531.0	608.7	686.9	765.6	844.8	924.5	1085.4	1248.4	PSI
	Volume	43.31	43.06	42.82	42.57	42.33	42.09	41.85	41.61	41.13	40.65	40.18	39.72	39.25	38.79	38.34	37.88	36.99	36.11	ft^3
	Weight	121.1	241.7	362.8	323.4	404.3	485.1	566.0	646.9	808.6	970.3	1132.0	1293.7	1455.4	1617.1	1778.9	1940.6	2264.0	2587.4	Lbs cs
72"	Max PSI at E=1.00	48.7	97.5	146.8	195.5	244.8	294.1	343.6	393.3	493.0	593.2	694.1	795.5	897.4	1000.0	1103.2	1206.9	1416.2	1627.9	PSI
	Max PSI at E=0.85	41.4	82.9	124.8	166.2	208.0	250.0	292.1	334.3	419.0	504.2	589.9	676.1	762.8	850.0	937.7	1025.9	1203.8	1383.7	PSI
	Max PSI at E=0.70	34.1	68.2	102.8	136.9	171.3	205.9	240.5	275.3	345.1	415.3	485.8	556.8	628.2	700.0	772.2	844.8	991.3	1139.5	PSI
	Volume	56.25	55.96	55.67	55.38	55.09	54.80	54.51	54.23	53.65	53.09	52.52	51.97	51.41	50.86	50.31	49.77	48.70	47.64	ft^3
	Weight	144.1	287.7	431.9	384.9	481.1	577.4	673.6	769.8	962.3	1154.7	1347.2	1539.6	1732.1	1924.5	2117.0	2309.4	2694.4	3079.3	Lbs cs
78"	Max PSI at E=1.00	44.9	90.0	135.5	180.4	225.8	271.3	316.9	362.7	454.5	546.9	639.7	733.0	826.8	921.1	1015.8	1111.1	1303.2	1497.3	PSI
	Max PSI at E=0.85	38.2	76.5	115.2	153.4	191.9	230.6	269.4	308.3	386.4	464.8	543.7	623.0	702.8	782.9	863.5	944.4	1107.7	1272.7	PSI
	Max PSI at E=0.70	31.5	63.0	94.8	126.3	158.1	189.9	221.9	253.9	318.2	382.8	447.8	513.1	578.7	644.7	711.1	777.8	912.2	1048.1	PSI
	Volume	71.55	71.21	70.86	70.52	70.18	69.84	69.50	69.17	68.50	67.83	67.17	66.51	65.85	65.20	64.56	63.92	62.65	61.39	ft^3
	Weight	169.1	337.7	507.1	451.7	564.7	677.6	790.5	903.5	1129.3	1355.2	1581.1	1806.9	2032.8	2258.7	2484.5	2710.4	3162.1	3613.9	Lbs cs
84"	Max PSI at E=1.00	41.7	83.5	125.8	167.5	209.6	251.8	294.1	336.5	421.7	507.2	593.2	679.6	766.4	853.7	941.3	1029.4	1206.9	1386.1	PSI
	Max PSI at E=0.85	35.5	71.0	106.9	142.3	178.1	214.0	250.0	286.1	358.4	431.2	504.2	577.7	651.5	725.6	800.1	875.0	1025.9	1178.2	PSI
	Max PSI at E=0.70	29.2	58.5	88.0	117.2	146.7	176.3	205.9	235.6	295.2	355.1	415.3	475.7	536.5	597.6	658.9	720.6	844.8	970.3	PSI
	Volume	89.40	89.00	88.60	88.20	87.81	87.41	87.02	86.63	85.85	85.07	84.30	83.53	82.77	82.02	81.26	80.52	79.03	77.57	ft^3
	Weight	196.2	391.8	588.3	523.9	654.9	785.9	916.8	1047.8	1309.8	1571.7	1833.7	2095.6	2357.6	2619.5	2881.5	3143.4	3667.3	4191.2	Lbs cs
90"	Max PSI at E=1.00	38.9	78.0	117.4	156.3	195.5	234.9	274.4	313.9	393.3	473.0	553.0	633.5	714.3	795.5	877.0	958.9	1123.9	1290.3	PSI
	Max PSI at E=0.85	33.1	66.3	99.8	132.8	166.2	199.7	233.2	266.8	334.3	402.0	470.1	538.5	607.1	676.1	745.4	815.1	955.3	1096.8	PSI
	Max PSI at E=0.70	27.3	54.6	82.2	109.4	136.9	164.4	192.0	219.7	275.3	331.1	387.1	443.4	500.0	556.8	613.9	671.2	786.7	903.2	PSI
	Volume	109.99	109.53	109.07	108.62	108.16	107.71	107.26	106.81	105.91	105.02	104.13	103.25	102.37	101.50	100.63	99.77	98.06	96.37	ft^3
	Weight	225.2	449.8	675.6	601.4	751.8	902.1	1052.5	1202.8	1503.5	1804.3	2105.0	2405.7	2706.4	3007.1	3307.8	3608.5	4209.9	4811.3	Lbs cs
96"	Max PSI at E=1.00	36.5	73.1	110.0	146.4	183.2	220.1	257.1	294.1	368.4	443.0	518.0	593.2	668.8	744.7	820.9	897.4	1051.5	1206.9	PSI
	Max PSI at E=0.85	31.0	62.1	93.5	124.5	155.8	187.1	218.5	250.0	313.2	376.6	440.3	504.2	568.5	633.0	697.8	762.8	893.8	1025.9	PSI
	Max PSI at E=0.70	25.5	51.1	77.0	102.5	128.3	154.1	180.0	205.9	257.9	310.1	362.6	415.3	468.2	521.3	574.6	628.2	736.1	844.8	PSI
	Volume	133.52	133.00	132.47	131.96	131.44	130.92	130.41	129.90	128.87	127.86	126.84	125.84	124.84	123.84	122.85	121.86	119.91	117.97	ft^3
	Weight	256.3	511.9	768.8	684.3	855.4	1026.4	1197.5	1368.6	1710.7	2052.8	2395.0	2737.1	3079.3	3421.4	3763.5	4105.7	4790.0	5474.2	Lbs cs
102"	Max PSI at E=1.00	34.3	68.8	103.5	137.8	172.4	207.1	241.9	276.7	346.5	416.7	487.1	557.8	628.7	700.0	771.5	843.4	987.9	1133.6	PSI
	Max PSI at E=0.85	29.2	58.4	88.0	117.1	146.6	176.0	205.6	235.2	294.6	354.2	414.0	474.1	534.4	595.0	655.8	716.9	839.7	963.6	PSI
	Max PSI at E=0.70	24.0	48.1	72.5	96.5	120.7	145.0	169.3	193.7	242.6	291.7	341.0	390.4	440.1	490.0	540.1	590.4	691.5	793.5	PSI
	Volume	160.19	159.60	159.01	158.42	157.84	157.26	156.68	156.10	154.94	153.79	152.64	151.50	150.37	149.24	148.12	147.00	144.79	142.59	ft^3
	Weight	289.3	577.9	868.2	772.5	965.6	1158.7	1351.9	1545.0	1931.2	2317.5	2703.7	3090.0	3476.2	3862.4	4248.7	4634.9	5407.4	6179.9	Lbs cs

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Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
108"	Max PSI at E=1.00	32.4	64.9	97.8	130.1	162.8	195.5	228.3	261.2	327.1	393.3	459.7	526.3	593.2	660.4	727.8	795.5	931.6	1068.7	PSI
	Max PSI at E=0.85	27.6	55.2	83.1	110.6	138.4	166.2	194.1	222.0	278.0	334.3	390.7	447.4	504.2	561.3	618.6	676.1	791.8	908.4	PSI
	Max PSI at E=0.70	22.7	45.5	68.4	91.1	114.0	136.9	159.8	182.8	229.0	275.3	321.8	368.4	415.3	462.3	509.5	556.8	652.1	748.1	PSI
	Volume	190.2	189.5	188.9	188.2	187.6	186.9	186.3	185.6	184.3	183.0	181.7	180.4	179.2	177.9	176.6	175.4	172.9	170.4	ft^3
	Weight	324	648	973	866	1083	1299	1516	1732	2165	2598	3031	3464	3897	4330	4763	5196	6062	6928	Lbs cs
114"	Max PSI at E=1.00	30.7	61.5	92.6	123.2	154.2	185.2	216.2	247.3	309.7	372.3	435.2	498.2	561.5	625.0	688.7	752.7	881.3	1010.8	PSI
	Max PSI at E=0.85	26.1	52.3	78.7	104.8	131.1	157.4	183.8	210.2	263.3	316.5	369.9	423.5	477.3	531.3	585.4	639.8	749.1	859.2	PSI
	Max PSI at E=0.70	21.5	43.1	64.8	86.3	107.9	129.6	151.4	173.1	216.8	260.6	304.6	348.8	393.0	437.5	482.1	526.9	616.9	707.6	PSI
	Volume	223.7	223.0	222.2	221.5	220.8	220.1	219.3	218.6	217.2	215.7	214.3	212.9	211.4	210.0	208.6	207.2	204.4	201.7	ft^3
	Weight	361	722	1085	965	1206	1447	1689	1930	2412	2895	3377	3860	4342	4825	5307	5790	6755	7720	Lbs cs
120"	Max PSI at E=1.00	29.2	58.4	88.0	117.1	146.4	175.9	205.4	234.9	294.1	353.5	413.2	473.0	533.0	593.2	653.7	714.3	836.2	958.9	PSI
	Max PSI at E=0.85	24.8	49.7	74.8	99.5	124.5	149.5	174.6	199.7	250.0	300.5	351.2	402.0	453.0	504.2	555.6	607.1	710.8	815.1	PSI
	Max PSI at E=0.70	20.4	40.9	61.6	81.9	102.5	123.1	143.8	164.4	205.9	247.5	289.2	331.1	373.1	415.3	457.6	500.0	585.3	671.2	PSI
	Volume	261.0	260.2	259.3	258.5	257.7	256.9	256.1	255.3	253.7	252.1	250.5	248.9	247.3	245.8	244.2	242.7	239.6	236.5	ft^3
	Weight	401	800	1202	1069	1336	1604	1871	2138	2673	3208	3742	4277	4811	5346	5881	6415	7484	8554	Lbs cs
126"	Max PSI at E=1.00	27.8	55.6	83.8	111.5	139.4	167.5	195.5	223.6	280.0	336.5	393.3	450.2	507.2	564.5	622.0	679.6	795.5	912.1	PSI
	Max PSI at E=0.85	23.6	47.3	71.2	94.7	118.5	142.3	166.2	190.1	238.0	286.1	334.3	382.6	431.2	479.8	528.7	577.7	676.1	775.2	PSI
	Max PSI at E=0.70	19.5	39.0	58.6	78.0	97.6	117.2	136.9	156.5	196.0	235.6	275.3	315.1	355.1	395.2	435.4	475.7	556.8	638.4	PSI
	Volume	302.16	301.27	300.36	299.47	298.58	297.69	296.80	295.91	294.13	292.37	290.61	288.86	287.12	285.38	283.65	281.93	278.51	275.11	ft^3
	Weight	442	882	1326	1179	1473	1768	2063	2358	2947	3536	4126	4715	5305	5894	6483	7073	8251	9430	Lbs cs
132"	Max PSI at E=1.00	26.5	53.1	79.9	106.4	133.1	159.8	186.6	213.4	267.2	321.1	375.2	429.4	483.9	538.5	593.2	648.1	758.5	869.6	PSI
	Max PSI at E=0.85	22.6	45.1	67.9	90.4	113.1	135.8	158.6	181.4	227.1	272.9	318.9	365.0	411.3	457.7	504.2	550.9	644.7	739.1	PSI
	Max PSI at E=0.70	18.6	37.2	56.0	74.5	93.2	111.9	130.6	149.4	187.0	224.8	262.6	300.6	338.7	376.9	415.3	453.7	531.0	608.7	PSI
	Volume	347.5	346.5	345.5	344.5	343.5	342.5	341.6	340.6	338.6	336.7	334.8	332.9	330.9	329.0	327.1	325.2	321.5	317.7	ft^3
	Weight	485	968	1455	1294	1617	1941	2264	2587	3234	3881	4528	5175	5822	6469	7115	7762	9056	10350	Lbs cs
138"	Max PSI at E=1.00	25.4	50.8	76.5	101.7	127.3	152.8	178.4	204.1	255.5	307.0	358.7	410.6	462.6	514.7	567.0	619.5	724.9	830.9	PSI
	Max PSI at E=0.85	21.6	43.2	65.0	86.5	108.2	129.9	151.7	173.5	217.2	261.0	304.9	349.0	393.2	437.5	482.0	526.5	616.1	706.2	PSI
	Max PSI at E=0.70	17.8	35.6	53.5	71.2	89.1	107.0	124.9	142.9	178.8	214.9	251.1	287.4	323.8	360.3	396.9	433.6	507.4	581.6	PSI
	Volume	397.1	396.0	394.9	393.9	392.8	391.7	390.6	389.6	387.4	385.3	383.2	381.1	379.0	376.9	374.8	372.8	368.6	364.5	ft^3
	Weight	530	1059	1591	1414	1768	2121	2475	2828	3535	4242	4949	5656	6363	7070	7777	8484	9898	11312	Lbs cs
144"	Max PSI at E=1.00	24.3	48.7	73.3	97.5	122.0	146.4	171.0	195.5	244.8	294.1	343.6	393.3	443.0	493.0	543.0	593.2	694.1	795.5	PSI
	Max PSI at E=0.85	20.7	41.4	62.3	82.9	103.7	124.5	145.3	166.2	208.0	250.0	292.1	334.3	376.6	419.0	461.6	504.2	589.9	676.1	PSI
	Max PSI at E=0.70	17.0	34.1	51.3	68.2	85.4	102.5	119.7	136.9	171.3	205.9	240.5	275.3	310.1	345.1	380.1	415.3	485.8	556.8	PSI
	Volume	451.2	450.0	448.9	447.7	446.5	445.4	444.2	443.0	440.7	438.4	436.1	433.8	431.5	429.2	427.0	424.7	420.2	415.7	ft^3
	Weight	577	1153	1732	1540	1925	2309	2694	3079	3849	4619	5389	6159	6928	7698	8468	9238	10777	12317	Lbs cs
150"	Max PSI at E=1.00	23.3	46.7	70.3	93.6	117.1	140.6	164.1	187.7	234.9	282.3	329.7	377.4	425.1	473.0	521.0	569.1	665.8	762.9	PSI
	Max PSI at E=0.85	19.8	39.7	59.8	79.5	99.5	119.5	139.5	159.5	199.7	239.9	280.3	320.8	361.3	402.0	442.8	483.7	565.9	648.5	PSI
	Max PSI at E=0.70	16.3	32.7	49.2	65.5	81.9	98.4	114.9	131.4	164.4	197.6	230.8	264.2	297.6	331.1	364.7	398.4	466.0	534.1	PSI
	Volume	510.0	508.8	507.5	506.2	505.0	503.7	502.4	501.2	498.6	496.1	493.6	491.1	488.7	486.2	483.7	481.3	476.4	471.5	ft^3
	Weight	626	1251	1880	1671	2088	2506	2924	3341	4177	5012	5847	6682	7518	8353	9188	10024	11694	13365	Lbs cs

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S = 14000		Hemispherical Heads							© 2003 Pressure Vessel Engineering Ltd. www.pveng.com											
		ASME VIII-1 UG-32(f), thickness as formed							Phone: (519)-880-9808 Fax: (519) 880-9810											
Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
156"	Max PSI at E=1.00	22.5	44.9	67.6	90.0	112.5	135.1	157.8	180.4	225.8	271.3	316.9	362.7	408.6	454.5	500.7	546.9	639.7	733.0	PSI
	Max PSI at E=0.85	19.1	38.2	57.5	76.5	95.7	114.9	134.1	153.4	191.9	230.6	269.4	308.3	347.3	386.4	425.6	464.8	543.7	623.0	PSI
	Max PSI at E=0.70	15.7	31.5	47.3	63.0	78.8	94.6	110.4	126.3	158.1	189.9	221.9	253.9	286.0	318.2	350.5	382.8	447.8	513.1	PSI
	Volume	573.8	572.4	571.0	569.7	568.3	566.9	565.5	564.2	561.5	558.7	556.0	553.3	550.6	548.0	545.3	542.6	537.3	532.1	ft^3
	Weight	677	1353	2033	1807	2259	2710	3162	3614	4517	5421	6324	7228	8131	9035	9938	10842	12649	14455	Lbs cs
162"	Max PSI at E=1.00	21.6	43.3	65.1	86.6	108.4	130.1	151.9	173.7	217.4	261.2	305.1	349.1	393.3	437.5	481.9	526.3	615.6	705.3	PSI
	Max PSI at E=0.85	18.4	36.8	55.3	73.6	92.1	110.6	129.1	147.6	184.8	222.0	259.3	296.8	334.3	371.9	409.6	447.4	523.2	599.5	PSI
	Max PSI at E=0.70	15.1	30.3	45.6	60.6	75.9	91.1	106.3	121.6	152.2	182.8	213.6	244.4	275.3	306.3	337.3	368.4	430.9	493.7	PSI
	Volume	642.6	641.1	639.7	638.2	636.7	635.2	633.7	632.3	629.3	626.4	623.5	620.6	617.7	614.8	611.9	609.0	603.3	597.6	ft^3
	Weight	730	1459	2193	1949	2436	2923	3410	3897	4871	5846	6820	7794	8769	9743	10717	11692	13640	15589	Lbs cs
168"	Max PSI at E=1.00	20.8	41.7	62.8	83.5	104.5	125.4	146.4	167.5	209.6	251.8	294.1	336.5	379.1	421.7	464.4	507.2	593.2	679.6	PSI
	Max PSI at E=0.85	17.7	35.5	53.4	71.0	88.8	106.6	124.5	142.3	178.1	214.0	250.0	286.1	322.2	358.4	394.8	431.2	504.2	577.7	PSI
	Max PSI at E=0.70	14.6	29.2	43.9	58.5	73.1	87.8	102.5	117.2	146.7	176.3	205.9	235.6	265.3	295.2	325.1	355.1	415.3	475.7	PSI
	Volume	716.8	715.2	713.6	712.0	710.4	708.8	707.2	705.6	702.5	699.3	696.2	693.0	689.9	686.8	683.7	680.6	674.4	668.3	ft^3
	Weight	785	1569	2359	2096	2620	3143	3667	4191	5239	6287	7335	8382	9430	10478	11526	12574	14669	16765	Lbs cs
174"	Max PSI at E=1.00	20.1	40.3	60.6	80.6	100.9	121.1	141.4	161.7	202.3	243.1	283.9	324.8	365.9	407.0	448.2	489.5	572.4	655.7	PSI
	Max PSI at E=0.85	17.1	34.2	51.5	68.5	85.7	102.9	120.2	137.4	172.0	206.6	241.3	276.1	311.0	345.9	381.0	416.1	486.6	557.4	PSI
	Max PSI at E=0.70	14.1	28.2	42.4	56.5	70.6	84.8	99.0	113.2	141.6	170.1	198.7	227.4	256.1	284.9	313.7	342.7	400.7	459.0	PSI
	Volume	796.4	794.7	793.0	791.3	789.6	787.9	786.1	784.4	781.1	777.7	774.3	770.9	767.6	764.2	760.9	757.6	750.9	744.3	ft^3
	Weight	842	1684	2530	2248	2810	3372	3934	4496	5620	6744	7868	8992	10116	11240	12364	13488	15736	17984	Lbs cs
180"	Max PSI at E=1.00	19.5	38.9	58.6	78.0	97.5	117.1	136.6	156.3	195.5	234.9	274.4	313.9	353.5	393.3	433.1	473.0	553.0	633.5	PSI
	Max PSI at E=0.85	16.5	33.1	49.8	66.3	82.9	99.5	116.1	132.8	166.2	199.7	233.2	266.8	300.5	334.3	368.1	402.0	470.1	538.5	PSI
	Max PSI at E=0.70	13.6	27.3	41.0	54.6	68.2	81.9	95.6	109.4	136.9	164.4	192.0	219.7	247.5	275.3	303.1	331.1	387.1	443.4	PSI
	Volume	881.7	879.9	878.0	876.2	874.4	872.6	870.8	868.9	865.3	861.7	858.1	854.4	850.9	847.3	843.7	840.1	833.0	826.0	ft^3
	Weight	902	1802	2708	2406	3007	3609	4210	4811	6014	7217	8420	9623	10826	12028	13231	14434	16840	19245	Lbs cs
186"	Max PSI at E=1.00	18.8	37.7	56.7	75.4	94.3	113.3	132.2	151.2	189.2	227.3	265.4	303.7	342.0	380.4	418.9	457.5	534.9	612.7	PSI
	Max PSI at E=0.85	16.0	32.0	48.2	64.1	80.2	96.3	112.4	128.5	160.8	193.2	225.6	258.1	290.7	323.4	356.1	388.9	454.7	520.8	PSI
	Max PSI at E=0.70	13.2	26.4	39.7	52.8	66.0	79.3	92.6	105.8	132.4	159.1	185.8	212.6	239.4	266.3	293.3	320.3	374.5	428.9	PSI
	Volume	972.9	971.0	969.0	967.1	965.1	963.2	961.2	959.3	955.4	951.5	947.6	943.8	940.0	936.1	932.3	928.5	920.9	913.4	ft^3
	Weight	963	1924	2892	2569	3211	3853	4495	5137	6422	7706	8991	10275	11559	12844	14128	15412	17981	20550	Lbs cs
192"	Max PSI at E=1.00	18.2	36.5	54.9	73.1	91.4	109.7	128.1	146.4	183.2	220.1	257.1	294.1	331.2	368.4	405.7	443.0	518.0	593.2	PSI
	Max PSI at E=0.85	15.5	31.0	46.7	62.1	77.7	93.3	108.9	124.5	155.8	187.1	218.5	250.0	281.5	313.2	344.8	376.6	440.3	504.2	PSI
	Max PSI at E=0.70	12.8	25.5	38.4	51.1	64.0	76.8	89.6	102.5	128.3	154.1	180.0	205.9	231.9	257.9	284.0	310.1	362.6	415.3	PSI
	Volume	1070.2	1068.1	1066.0	1064.0	1061.9	1059.8	1057.7	1055.7	1051.5	1047.4	1043.3	1039.2	1035.1	1031.0	1026.9	1022.8	1014.7	1006.7	ft^3
	Weight	1026	2050	3081	2737	3421	4106	4790	5474	6843	8211	9580	10948	12317	13686	15054	16423	19160	21897	Lbs cs
198"	Max PSI at E=1.00	17.7	35.4	53.3	70.9	88.6	106.4	124.2	142.0	177.7	213.4	249.2	285.1	321.1	357.1	393.3	429.4	502.0	574.9	PSI
	Max PSI at E=0.85	15.0	30.1	45.3	60.2	75.3	90.4	105.5	120.7	151.0	181.4	211.9	242.4	272.9	303.6	334.3	365.0	426.7	488.7	PSI
	Max PSI at E=0.70	12.4	24.8	37.3	49.6	62.0	74.5	86.9	99.4	124.4	149.4	174.5	199.6	224.8	250.0	275.3	300.6	351.4	402.5	PSI
	Volume	1173.8	1171.6	1169.3	1167.1	1164.9	1162.7	1160.5	1158.3	1153.9	1149.5	1145.1	1140.8	1136.4	1132.0	1127.7	1123.4	1114.8	1106.2	ft^3
	Weight	1091	2180	3277	2911	3639	4366	5094	5822	7277	8733	10188	11643	13099	14554	16010	17465	20376	23287	Lbs cs

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