

<b>S = 8000</b>		<b>Rolled or Machined Cylinders</b>								© 2003 Pressure Vessel Engineering Ltd. <a href="http://www.pveng.com">www.pveng.com</a>										
no undertolerance removed, no corrosion allowance, ASME VIII-1 App 1-1		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
Max PSI at E=1.00		83.7	168.1	253.8	339.0	426	513	601	690	870	1053	1239	1429	1622	1818	2018	2222	2642	3077	PSI
Max PSI at E=0.85		71.1	142.9	215.8	288.1	362	436	511	586	739	895	1053	1214	1378	1545	1716	1889	2245	2615	PSI
Max PSI at E=0.7		58.6	117.6	177.7	237.3	298	359	421	483	609	737	867	1000	1135	1273	1413	1556	1849	2154	PSI
<b>12"</b>	Volume	0.77	0.75	0.74	0.72	0.71	0.69	0.68	0.66	0.63	0.60	0.57	0.55	0.52	0.49	0.47	0.44	0.39	0.35	ft^3/ft
	Weight	8.0	15.9	23.7	31.4	39.1	46.6	54.1	61.5	76.0	90.2	104.1	117.6	130.8	143.7	156.2	168.4	191.8	213.8	Lb/ft cs
Max PSI at E=1.00		55.7	111.7	168.5	224.7	281.7	339.0	396.6	455	571	690	809	930	1053	1176	1302	1429	1687	1951	PSI
Max PSI at E=0.85		47.4	95.0	143.2	191.0	239.4	288.1	337.1	386	486	586	688	791	895	1000	1107	1214	1434	1659	PSI
Max PSI at E=0.7		39.0	78.2	118.0	157.3	197.2	237.3	277.6	318	400	483	566	651	737	824	911	1000	1181	1366	PSI
<b>18"</b>	Volume	1.74	1.72	1.69	1.67	1.65	1.62	1.60	1.58	1.53	1.48	1.44	1.40	1.35	1.31	1.27	1.23	1.15	1.07	ft^3/ft
	Weight	12.0	23.9	35.8	47.4	59.1	70.7	82.2	93.6	116.1	138.3	160.2	181.8	203.0	223.9	244.4	264.6	304.0	342.1	Lb/ft cs
Max PSI at E=1.00		41.8	83.7	126.1	168.1	210.5	253.2	296.0	339.0	426	513	601	690	779	870	961	1053	1239	1429	PSI
Max PSI at E=0.85		35.5	71.1	107.2	142.9	178.9	215.2	251.6	288.1	362	436	511	586	662	739	817	895	1053	1214	PSI
Max PSI at E=0.7		29.2	58.6	88.3	117.6	147.4	177.2	207.2	237.3	298	359	421	483	545	609	672	737	867	1000	PSI
<b>24"</b>	Volume	3.11	3.08	3.04	3.01	2.98	2.95	2.92	2.89	2.82	2.76	2.70	2.64	2.58	2.52	2.46	2.41	2.29	2.18	ft^3/ft
	Weight	16.0	31.9	47.9	63.5	79.1	94.7	110.2	125.6	156.2	186.4	216.3	245.9	275.1	304.0	332.6	360.8	416.3	470.4	Lb/ft cs
Max PSI at E=1.00		33.4	66.9	100.8	134.2	168.1	202.0	236.1	270.3	339.0	408	478	548	619	690	761	833	979	1127	PSI
Max PSI at E=0.85		28.4	56.9	85.7	114.1	142.9	171.7	200.7	229.7	288.1	347	406	466	526	586	647	708	832	958	PSI
Max PSI at E=0.7		23.4	46.8	70.5	94.0	117.6	141.4	165.3	189.2	237.3	286	334	384	433	483	533	583	685	789	PSI
<b>30"</b>	Volume	4.87	4.83	4.79	4.75	4.71	4.67	4.63	4.59	4.51	4.43	4.35	4.28	4.20	4.12	4.05	3.98	3.83	3.69	ft^3/ft
	Weight	20.0	39.9	59.9	79.5	99.2	118.8	138.3	157.7	196.3	234.6	272.5	310.1	347.3	384.2	420.8	457.1	528.6	598.7	Lb/ft cs
Max PSI at E=1.00		27.8	55.7	83.9	111.7	139.9	168.1	196.4	224.7	281.7	339.0	396.6	455	513	571	630	690	809	930	PSI
Max PSI at E=0.85		23.6	47.4	71.3	95.0	118.9	142.9	166.9	191.0	239.4	288.1	337.1	386	436	486	536	586	688	791	PSI
Max PSI at E=0.7		19.5	39.0	58.7	78.2	97.9	117.6	137.4	157.3	197.2	237.3	277.6	318	359	400	441	483	566	651	PSI
<b>36"</b>	Volume	7.02	6.97	6.92	6.87	6.83	6.78	6.73	6.68	6.59	6.49	6.40	6.31	6.21	6.12	6.03	5.94	5.76	5.59	ft^3/ft
	Weight	24.0	47.9	72.0	95.6	119.2	142.8	166.3	189.8	236.4	282.7	328.6	374.2	419.5	464.4	509.0	553.3	640.8	727.0	Lb/ft cs
Max PSI at E=1.00		23.8	47.7	71.9	95.7	119.8	143.9	168.1	192.3	241.0	289.9	339.0	388.3	438	488	538	588	690	792	PSI
Max PSI at E=0.85		20.3	40.6	61.1	81.3	101.8	122.3	142.9	163.5	204.8	246.4	288.1	330.1	372	415	457	500	586	673	PSI
Max PSI at E=0.7		16.7	33.4	50.3	67.0	83.8	100.7	117.6	134.6	168.7	202.9	237.3	271.8	307	341	377	412	483	554	PSI
<b>42"</b>	Volume	9.56	9.51	9.45	9.39	9.34	9.28	9.22	9.17	9.06	8.95	8.84	8.73	8.62	8.51	8.40	8.30	8.08	7.88	ft^3/ft
	Weight	28.0	56.0	84.0	111.6	139.3	166.9	194.4	221.9	276.5	330.8	384.7	438.4	491.7	544.6	597.2	649.5	753.1	855.3	Lb/ft cs
Max PSI at E=1.00		20.9	41.8	62.9	83.7	104.7	125.8	146.9	168.1	210.5	253.2	296.0	339.0	382.2	426	469	513	601	690	PSI
Max PSI at E=0.85		17.7	35.5	53.4	71.1	89.0	106.9	124.9	142.9	178.9	215.2	251.6	288.1	324.8	362	399	436	511	586	PSI
Max PSI at E=0.7		14.6	29.2	44.0	58.6	73.3	88.1	102.8	117.6	147.4	177.2	207.2	237.3	267.5	298	328	359	421	483	PSI
<b>48"</b>	Volume	12.50	12.44	12.37	12.31	12.24	12.18	12.11	12.05	11.92	11.79	11.67	11.54	11.42	11.29	11.17	11.04	10.80	10.56	ft^3/ft
	Weight	32.0	64.0	96.1	127.6	159.3	190.9	222.5	253.9	316.6	378.9	440.9	502.5	563.8	624.8	685.4	745.8	865.4	983.6	Lb/ft cs
Max PSI at E=1.00		18.5	37.1	55.9	74.3	93.0	111.7	130.5	149.3	186.9	224.7	262.7	300.8	339.0	377.4	416	455	532	611	PSI
Max PSI at E=0.85		15.8	31.5	47.5	63.2	79.1	95.0	110.9	126.9	158.9	191.0	223.3	255.6	288.1	320.8	353	386	452	519	PSI
Max PSI at E=0.7		13.0	26.0	39.1	52.0	65.1	78.2	91.3	104.5	130.8	157.3	183.9	210.5	237.3	264.2	291	318	373	427	PSI
<b>54"</b>	Volume	15.83	15.76	15.68	15.61	15.54	15.47	15.39	15.32	15.18	15.03	14.89	14.75	14.61	14.47	14.33	14.19	13.91	13.64	ft^3/ft
	Weight	36.0	72.0	108.2	143.7	179.4	215.0	250.5	286.0	356.7	427.0	497.0	566.7	636.0	705.0	773.7	842.0	977.6	1111.9	Lb/ft 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
Max PSI at E=1.00		16.7	33.4	50.3	66.9	83.7	100.5	117.4	134.2	168.1	202.0	236.1	270.3	304.6	339.0	373.5	408	478	548	PSI
Max PSI at E=0.85		14.2	28.4	42.7	56.9	71.1	85.4	99.7	114.1	142.9	171.7	200.7	229.7	258.9	288.1	317.5	347	406	466	PSI
Max PSI at E=0.7		11.7	23.4	35.2	46.8	58.6	70.4	82.1	94.0	117.6	141.4	165.3	189.2	213.2	237.3	261.5	286	334	384	PSI
<b>60"</b>	Volume	19.55	19.47	19.39	19.31	19.23	19.15	19.07	18.99	18.83	18.67	18.51	18.35	18.19	18.03	17.88	17.72	17.41	17.10	ft^3/ft
	Weight	40.1	80.0	120.2	159.7	199.4	239.1	278.6	318.1	396.8	475.1	553.1	630.8	708.2	785.2	861.9	938.2	1089.9	1240.2	Lb/ft cs
Max PSI at E=1.00		15.2	30.3	45.7	60.8	76.0	91.3	106.6	122.0	152.7	183.5	214.4	245.4	276.5	307.7	339.0	370.4	433	497	PSI
Max PSI at E=0.85		12.9	25.8	38.8	51.7	64.6	77.6	90.6	103.7	129.8	156.0	182.2	208.6	235.0	261.5	288.1	314.8	368	422	PSI
Max PSI at E=0.7		10.6	21.2	32.0	42.6	53.2	63.9	74.6	85.4	106.9	128.4	150.1	171.8	193.5	215.4	237.3	259.3	303	348	PSI
<b>66"</b>	Volume	23.67	23.58	23.49	23.40	23.31	23.22	23.13	23.04	22.87	22.69	22.52	22.34	22.17	21.99	21.82	21.65	21.31	20.97	ft^3/ft
	Weight	44.1	88.0	132.3	175.7	219.5	263.1	306.7	350.2	436.9	523.2	609.3	695.0	780.3	865.4	950.1	1034.4	1202.2	1368.5	Lb/ft cs
Max PSI at E=1.00		13.9	27.8	41.9	55.7	69.7	83.7	97.7	111.7	139.9	168.1	196.4	224.7	253.2	281.7	310.3	339.0	396.6	455	PSI
Max PSI at E=0.85		11.8	23.6	35.6	47.4	59.2	71.1	83.0	95.0	118.9	142.9	166.9	191.0	215.2	239.4	263.8	288.1	337.1	386	PSI
Max PSI at E=0.7		9.7	19.5	29.3	39.0	48.8	58.6	68.4	78.2	97.9	117.6	137.4	157.3	177.2	197.2	217.2	237.3	277.6	318	PSI
<b>72"</b>	Volume	28.18	28.08	27.98	27.88	27.79	27.69	27.59	27.49	27.30	27.11	26.92	26.73	26.53	26.34	26.16	25.97	25.59	25.22	ft^3/ft
	Weight	48.1	96.1	144.3	191.8	239.5	287.2	334.7	382.2	477.0	571.3	665.4	759.1	852.5	945.6	1038.3	1130.7	1314.4	1496.8	Lb/ft cs
Max PSI at E=1.00		12.8	25.7	38.6	51.4	64.3	77.2	90.1	103.1	129.0	155.0	181.1	207.3	233.5	259.7	286.1	312.5	365.5	419	PSI
Max PSI at E=0.85		10.9	21.8	32.8	43.7	54.7	65.6	76.6	87.6	109.7	131.8	153.9	176.2	198.4	220.8	243.2	265.6	310.7	356	PSI
Max PSI at E=0.7		9.0	18.0	27.0	36.0	45.0	54.1	63.1	72.2	90.3	108.5	126.8	145.1	163.4	181.8	200.3	218.8	255.9	293	PSI
<b>78"</b>	Volume	33.08	32.97	32.86	32.76	32.65	32.55	32.44	32.34	32.13	31.92	31.71	31.50	31.30	31.09	30.88	30.68	30.27	29.87	ft^3/ft
	Weight	52.1	104.1	156.4	207.8	259.6	311.2	362.8	414.3	517.0	619.5	721.5	823.3	924.7	1025.7	1126.5	1226.9	1426.7	1625.2	Lb/ft cs
Max PSI at E=1.00		11.9	23.8	35.9	47.7	59.7	71.7	83.7	95.7	119.8	143.9	168.1	192.3	216.6	241.0	265.4	289.9	339.0	388.3	PSI
Max PSI at E=0.85		10.1	20.3	30.5	40.6	50.7	60.9	71.1	81.3	101.8	122.3	142.9	163.5	184.1	204.8	225.6	246.4	288.1	330.1	PSI
Max PSI at E=0.7		8.3	16.7	25.1	33.4	41.8	50.2	58.6	67.0	83.8	100.7	117.6	134.6	151.6	168.7	185.8	202.9	237.3	271.8	PSI
<b>84"</b>	Volume	38.37	38.26	38.14	38.03	37.91	37.80	37.69	37.57	37.35	37.12	36.90	36.67	36.45	36.23	36.01	35.78	35.34	34.91	ft^3/ft
	Weight	56.1	112.1	168.5	223.9	279.6	335.3	390.9	446.4	557.1	667.6	777.7	887.4	996.8	1105.9	1214.7	1323.1	1538.9	1753.5	Lb/ft cs
Max PSI at E=1.00		11.1	22.2	33.5	44.5	55.7	66.9	78.1	89.3	111.7	134.2	156.8	179.4	202.0	224.7	247.5	270.3	316.0	362.0	PSI
Max PSI at E=0.85		9.4	18.9	28.5	37.9	47.4	56.9	66.4	75.9	95.0	114.1	133.3	152.5	171.7	191.0	210.3	229.7	268.6	307.7	PSI
Max PSI at E=0.7		7.8	15.6	23.4	31.2	39.0	46.8	54.7	62.5	78.2	94.0	109.7	125.6	141.4	157.3	173.2	189.2	221.2	253.4	PSI
<b>90"</b>	Volume	44.06	43.93	43.81	43.69	43.57	43.45	43.32	43.20	42.96	42.72	42.48	42.24	42.00	41.76	41.52	41.28	40.81	40.34	ft^3/ft
	Weight	60.1	120.1	180.5	239.9	299.7	359.3	418.9	478.5	597.2	715.7	833.8	951.6	1069.0	1186.1	1302.9	1419.3	1651.2	1881.8	Lb/ft cs
Max PSI at E=1.00		10.4	20.9	31.4	41.8	52.2	62.7	73.2	83.7	104.7	125.8	146.9	168.1	189.3	210.5	231.8	253.2	296.0	339.0	PSI
Max PSI at E=0.85		8.9	17.7	26.7	35.5	44.4	53.3	62.2	71.1	89.0	106.9	124.9	142.9	160.9	178.9	197.0	215.2	251.6	288.1	PSI
Max PSI at E=0.7		7.3	14.6	22.0	29.2	36.6	43.9	51.2	58.6	73.3	88.1	102.8	117.6	132.5	147.4	162.3	177.2	207.2	237.3	PSI
<b>96"</b>	Volume	50.13	50.00	49.87	49.74	49.61	49.48	49.35	49.22	48.97	48.71	48.45	48.19	47.94	47.68	47.43	47.17	46.67	46.16	ft^3/ft
	Weight	64.1	128.1	192.6	255.9	319.7	383.4	447.0	510.5	637.3	763.8	889.9	1015.7	1141.2	1266.3	1391.1	1515.6	1763.5	2010.1	Lb/ft cs
Max PSI at E=1.00		9.8	19.6	29.5	39.3	49.1	59.0	68.9	78.7	98.5	118.3	138.2	158.1	178.0	198.0	218.0	238.1	278.3	318.7	PSI
Max PSI at E=0.85		8.3	16.7	25.1	33.4	41.8	50.1	58.5	66.9	83.7	100.6	117.5	134.4	151.3	168.3	185.3	202.4	236.6	270.9	PSI
Max PSI at E=0.7		6.9	13.7	20.7	27.5	34.4	41.3	48.2	55.1	69.0	82.8	96.7	110.7	124.6	138.6	152.6	166.7	194.8	223.1	PSI
<b>102"</b>	Volume	56.61	56.47	56.33	56.19	56.05	55.91	55.78	55.64	55.36	55.09	54.81	54.54	54.27	54.00	53.73	53.46	52.92	52.38	ft^3/ft
	Weight	68.1	136.2	204.6	272.0	339.8	407.5	475.1	542.6	677.4	811.9	946.1	1079.9	1213.4	1346.5	1479.3	1611.8	1875.7	2138.4	Lb/ft 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
Max PSI at E=1.00		9.3	18.5	27.9	37.1	46.4	55.7	65.0	74.3	93.0	111.7	130.5	149.3	168.1	186.9	205.8	224.7	262.7	300.8	PSI
Max PSI at E=0.85		7.9	15.8	23.7	31.5	39.4	47.4	55.3	63.2	79.1	95.0	110.9	126.9	142.9	158.9	174.9	191.0	223.3	255.6	PSI
Max PSI at E=0.7		6.5	13.0	19.5	26.0	32.5	39.0	45.5	52.0	65.1	78.2	91.3	104.5	117.6	130.8	144.1	157.3	183.9	210.5	PSI
<b>108"</b>	Volume	63.47	63.32	63.18	63.03	62.88	62.74	62.59	62.44	62.15	61.86	61.57	61.28	60.99	60.71	60.42	60.13	59.56	58.99	ft^3/ft
	Weight	72.1	144.2	216.7	288.0	359.8	431.5	503.1	574.7	717.5	860.0	1002.2	1144.0	1285.5	1426.7	1567.5	1708.0	1988.0	2266.7	Lb/ft cs
Max PSI at E=1.00		8.8	17.6	26.4	35.1	44.0	52.8	61.6	70.4	88.1	105.8	123.6	141.3	159.2	177.0	194.9	212.8	248.7	284.7	PSI
Max PSI at E=0.85		7.5	14.9	22.5	29.9	37.4	44.9	52.4	59.9	74.9	89.9	105.0	120.1	135.3	150.4	165.6	180.9	211.4	242.0	PSI
Max PSI at E=0.7		6.1	12.3	18.5	24.6	30.8	36.9	43.1	49.3	61.7	74.1	86.5	98.9	111.4	123.9	136.4	148.9	174.1	199.3	PSI
<b>114"</b>	Volume	70.73	70.57	70.42	70.26	70.11	69.95	69.80	69.64	69.34	69.03	68.72	68.42	68.11	67.81	67.50	67.20	66.60	66.00	ft^3/ft
	Weight	76.1	152.2	228.8	304.0	379.9	455.6	531.2	606.8	757.6	908.1	1058.3	1208.2	1357.7	1506.9	1655.7	1804.2	2100.3	2395.0	Lb/ft cs
Max PSI at E=1.00		8.3	16.7	25.1	33.4	41.8	50.1	58.5	66.9	83.7	100.5	117.4	134.2	151.1	168.1	185.0	202.0	236.1	270.3	PSI
Max PSI at E=0.85		7.1	14.2	21.3	28.4	35.5	42.6	49.7	56.9	71.1	85.4	99.7	114.1	128.5	142.9	157.3	171.7	200.7	229.7	PSI
Max PSI at E=0.7		5.8	11.7	17.6	23.4	29.2	35.1	41.0	46.8	58.6	70.4	82.1	94.0	105.8	117.6	129.5	141.4	165.3	189.2	PSI
<b>120"</b>	Volume	78.38	78.21	78.05	77.89	77.72	77.56	77.40	77.24	76.91	76.59	76.27	75.94	75.62	75.30	74.98	74.66	74.03	73.39	ft^3/ft
	Weight	80.1	160.2	240.8	320.1	399.9	479.6	559.3	638.8	797.7	956.2	1114.5	1272.3	1429.9	1587.1	1743.9	1900.5	2212.5	2523.3	Lb/ft cs
Max PSI at E=1.00		7.9	15.9	23.9	31.8	39.8	47.7	55.7	63.7	79.7	95.7	111.7	127.8	143.9	160.0	176.1	192.3	224.7	257.2	PSI
Max PSI at E=0.85		6.7	13.5	20.3	27.0	33.8	40.6	47.4	54.1	67.7	81.3	95.0	108.6	122.3	136.0	149.7	163.5	191.0	218.6	PSI
Max PSI at E=0.7		5.6	11.1	16.7	22.3	27.8	33.4	39.0	44.6	55.8	67.0	78.2	89.5	100.7	112.0	123.3	134.6	157.3	180.1	PSI
<b>126"</b>	Volume	86.42	86.25	86.07	85.90	85.73	85.56	85.39	85.22	84.88	84.54	84.20	83.86	83.53	83.19	82.85	82.52	81.85	81.18	ft^3/ft
	Weight	84.2	168.2	252.9	336.1	419.9	503.7	587.3	670.9	837.8	1004.4	1170.6	1336.5	1502.0	1667.2	1832.1	1996.7	2324.8	2651.6	Lb/ft cs
Max PSI at E=1.00		7.6	15.2	22.8	30.3	38.0	45.6	53.2	60.8	76.0	91.3	106.6	122.0	137.3	152.7	168.1	183.5	214.4	245.4	PSI
Max PSI at E=0.85		6.4	12.9	19.4	25.8	32.3	38.7	45.2	51.7	64.6	77.6	90.6	103.7	116.7	129.8	142.9	156.0	182.2	208.6	PSI
Max PSI at E=0.7		5.3	10.6	16.0	21.2	26.6	31.9	37.2	42.6	53.2	63.9	74.6	85.4	96.1	106.9	117.6	128.4	150.1	171.8	PSI
<b>132"</b>	Volume	94.85	94.67	94.49	94.31	94.14	93.96	93.78	93.60	93.24	92.89	92.53	92.18	91.82	91.47	91.11	90.76	90.06	89.36	ft^3/ft
	Weight	88.2	176.2	264.9	352.2	440.0	527.7	615.4	703.0	877.9	1052.5	1226.7	1400.6	1574.2	1747.4	1920.3	2092.9	2437.1	2779.9	Lb/ft cs
Max PSI at E=1.00		7.2	14.5	21.8	29.0	36.3	43.6	50.9	58.1	72.7	87.3	102.0	116.6	131.3	146.0	160.7	175.4	205.0	234.6	PSI
Max PSI at E=0.85		6.2	12.3	18.5	24.7	30.9	37.0	43.2	49.4	61.8	74.2	86.7	99.1	111.6	124.1	136.6	149.1	174.2	199.4	PSI
Max PSI at E=0.7		5.1	10.2	15.3	20.3	25.4	30.5	35.6	40.7	50.9	61.1	71.4	81.6	91.9	102.2	112.5	122.8	143.5	164.2	PSI
<b>138"</b>	Volume	103.68	103.49	103.30	103.12	102.93	102.74	102.56	102.37	102.00	101.62	101.25	100.88	100.51	100.14	99.77	99.40	98.67	97.93	ft^3/ft
	Weight	92.2	184.3	277.0	368.2	460.0	551.8	643.5	735.1	918.0	1100.6	1282.8	1464.8	1646.4	1827.6	2008.6	2189.1	2549.3	2908.2	Lb/ft cs
Max PSI at E=1.00		6.9	13.9	20.9	27.8	34.8	41.8	48.7	55.7	69.7	83.7	97.7	111.7	125.8	139.9	154.0	168.1	196.4	224.7	PSI
Max PSI at E=0.85		5.9	11.8	17.8	23.6	29.6	35.5	41.4	47.4	59.2	71.1	83.0	95.0	106.9	118.9	130.9	142.9	166.9	191.0	PSI
Max PSI at E=0.7		4.9	9.7	14.6	19.5	24.3	29.2	34.1	39.0	48.8	58.6	68.4	78.2	88.1	97.9	107.8	117.6	137.4	157.3	PSI
<b>144"</b>	Volume	112.90	112.70	112.51	112.31	112.12	111.92	111.73	111.53	111.14	110.75	110.37	109.98	109.59	109.20	108.82	108.43	107.67	106.90	ft^3/ft
	Weight	96.2	192.3	289.1	384.2	480.1	575.9	671.5	767.1	958.1	1148.7	1339.0	1528.9	1718.5	1907.8	2096.8	2285.4	2661.6	3036.5	Lb/ft cs
Max PSI at E=1.00		6.7	13.3	20.1	26.7	33.4	40.1	46.8	53.5	66.9	80.3	93.8	107.2	120.7	134.2	147.8	161.3	188.4	215.6	PSI
Max PSI at E=0.85		5.7	11.3	17.1	22.7	28.4	34.1	39.8	45.5	56.9	68.3	79.7	91.2	102.6	114.1	125.6	137.1	160.2	183.3	PSI
Max PSI at E=0.7		4.7	9.3	14.1	18.7	23.4	28.1	32.7	37.4	46.8	56.2	65.6	75.1	84.5	94.0	103.4	112.9	131.9	150.9	PSI
<b>150"</b>	Volume	122.51	122.31	122.10	121.90	121.70	121.49	121.29	121.09	120.68	120.28	119.87	119.47	119.06	118.66	118.26	117.86	117.06	116.26	ft^3/ft
	Weight	100.2	200.3	301.1	400.3	500.1	599.9	699.6	799.2	998.2	1196.8	1395.1	1593.1	1790.7	1988.0	2185.0	2381.6	2773.8	3164.8	Lb/ft cs

<b>S = 8000</b>		<b>Rolled or Machined Cylinders</b>								© 2003 Pressure Vessel Engineering Ltd. <a href="http://www.pveng.com">www.pveng.com</a>										
no undertolerance removed, no corrosion allowance, ASME VIII-1 App 1-1		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
Max PSI at E=1.00		6.4	12.8	19.3	25.7	32.1	38.5	45.0	51.4	64.3	77.2	90.1	103.1	116.1	129.0	142.0	155.0	181.1	207.3	PSI
Max PSI at E=0.85		5.5	10.9	16.4	21.8	27.3	32.8	38.2	43.7	54.7	65.6	76.6	87.6	98.6	109.7	120.7	131.8	153.9	176.2	PSI
Max PSI at E=0.7		4.5	9.0	13.5	18.0	22.5	27.0	31.5	36.0	45.0	54.1	63.1	72.2	81.2	90.3	99.4	108.5	126.8	145.1	PSI
<b>156"</b>	Volume	132.52	132.31	132.09	131.88	131.67	131.46	131.25	131.04	130.61	130.19	129.77	129.35	128.93	128.51	128.09	127.68	126.84	126.01	ft^3/ft
	Weight	104.2	208.3	313.2	416.3	520.2	624.0	727.7	831.3	1038.3	1244.9	1451.2	1657.2	1862.9	2068.2	2273.2	2477.8	2886.1	3293.1	Lb/ft cs
Max PSI at E=1.00		6.2	12.4	18.6	24.7	30.9	37.1	43.3	49.5	61.9	74.3	86.8	99.3	111.7	124.2	136.7	149.3	174.3	199.5	PSI
Max PSI at E=0.85		5.2	10.5	15.8	21.0	26.3	31.5	36.8	42.1	52.6	63.2	73.8	84.4	95.0	105.6	116.2	126.9	148.2	169.6	PSI
Max PSI at E=0.7		4.3	8.6	13.0	17.3	21.6	26.0	30.3	34.7	43.3	52.0	60.8	69.5	78.2	87.0	95.7	104.5	122.0	139.7	PSI
<b>162"</b>	Volume	142.92	142.70	142.48	142.26	142.04	141.82	141.60	141.38	140.94	140.50	140.06	139.63	139.19	138.76	138.32	137.89	137.02	136.16	ft^3/ft
	Weight	108.2	216.3	325.3	432.3	540.2	648.0	755.7	863.4	1078.4	1293.0	1507.4	1721.4	1935.0	2148.4	2361.4	2574.0	2998.4	3421.4	Lb/ft cs
Max PSI at E=1.00		6.0	11.9	17.9	23.8	29.8	35.8	41.8	47.7	59.7	71.7	83.7	95.7	107.7	119.8	131.8	143.9	168.1	192.3	PSI
Max PSI at E=0.85		5.1	10.1	15.2	20.3	25.3	30.4	35.5	40.6	50.7	60.9	71.1	81.3	91.6	101.8	112.0	122.3	142.9	163.5	PSI
Max PSI at E=0.7		4.2	8.3	12.5	16.7	20.9	25.0	29.2	33.4	41.8	50.2	58.6	67.0	75.4	83.8	92.3	100.7	117.6	134.6	PSI
<b>168"</b>	Volume	153.71	153.48	153.25	153.02	152.79	152.57	152.34	152.11	151.66	151.20	150.75	150.29	149.84	149.39	148.94	148.49	147.59	146.69	ft^3/ft
	Weight	112.2	224.4	337.3	448.4	560.3	672.1	783.8	895.4	1118.5	1341.2	1563.5	1785.5	2007.2	2228.6	2449.6	2670.3	3110.6	3549.7	Lb/ft cs
Max PSI at E=1.00		5.7	11.5	17.3	23.0	28.8	34.5	40.3	46.1	57.6	69.2	80.8	92.4	104.0	115.6	127.2	138.9	162.2	185.6	PSI
Max PSI at E=0.85		4.9	9.8	14.7	19.6	24.5	29.4	34.3	39.2	49.0	58.8	68.7	78.5	88.4	98.3	108.2	118.1	137.9	157.8	PSI
Max PSI at E=0.7		4.0	8.1	12.1	16.1	20.1	24.2	28.2	32.3	40.3	48.4	56.5	64.7	72.8	80.9	89.1	97.2	113.6	129.9	PSI
<b>174"</b>	Volume	164.89	164.66	164.42	164.18	163.95	163.71	163.47	163.24	162.77	162.30	161.83	161.36	160.89	160.42	159.95	159.48	158.55	157.63	ft^3/ft
	Weight	116.2	232.4	349.4	464.4	580.3	696.1	811.9	927.5	1158.6	1389.3	1619.6	1849.7	2079.4	2308.8	2537.8	2766.5	3222.9	3678.0	Lb/ft cs
Max PSI at E=1.00		5.6	11.1	16.7	22.2	27.8	33.4	39.0	44.5	55.7	66.9	78.1	89.3	100.5	111.7	123.0	134.2	156.8	179.4	PSI
Max PSI at E=0.85		4.7	9.4	14.2	18.9	23.6	28.4	33.1	37.9	47.4	56.9	66.4	75.9	85.4	95.0	104.5	114.1	133.3	152.5	PSI
Max PSI at E=0.7		3.9	7.8	11.7	15.6	19.5	23.4	27.3	31.2	39.0	46.8	54.7	62.5	70.4	78.2	86.1	94.0	109.7	125.6	PSI
<b>180"</b>	Volume	176.47	176.22	175.98	175.73	175.49	175.25	175.00	174.76	174.27	173.78	173.30	172.81	172.32	171.84	171.36	170.87	169.91	168.95	ft^3/ft
	Weight	120.2	240.4	361.4	480.5	600.4	720.2	839.9	959.6	1198.6	1437.4	1675.8	1913.8	2151.6	2388.9	2626.0	2862.7	3335.2	3806.3	Lb/ft cs
Max PSI at E=1.00		5.4	10.8	16.2	21.5	26.9	32.3	37.7	43.1	53.9	64.7	75.6	86.4	97.2	108.1	119.0	129.9	151.7	173.5	PSI
Max PSI at E=0.85		4.6	9.1	13.8	18.3	22.9	27.5	32.0	36.6	45.8	55.0	64.2	73.4	82.7	91.9	101.1	110.4	128.9	147.5	PSI
Max PSI at E=0.7		3.8	7.5	11.3	15.1	18.8	22.6	26.4	30.2	37.7	45.3	52.9	60.5	68.1	75.7	83.3	90.9	106.2	121.5	PSI
<b>186"</b>	Volume	188.44	188.19	187.93	187.68	187.43	187.17	186.92	186.67	186.16	185.66	185.16	184.66	184.15	183.65	183.15	182.65	181.66	180.66	ft^3/ft
	Weight	124.3	248.4	373.5	496.5	620.4	744.2	868.0	991.7	1238.7	1485.5	1731.9	1978.0	2223.7	2469.1	2714.2	2959.0	3447.4	3934.6	Lb/ft cs
Max PSI at E=1.00		5.2	10.4	15.7	20.9	26.1	31.3	36.5	41.8	52.2	62.7	73.2	83.7	94.2	104.7	115.2	125.8	146.9	168.1	PSI
Max PSI at E=0.85		4.4	8.9	13.3	17.7	22.2	26.6	31.0	35.5	44.4	53.3	62.2	71.1	80.1	89.0	98.0	106.9	124.9	142.9	PSI
Max PSI at E=0.7		3.6	7.3	11.0	14.6	18.3	21.9	25.6	29.2	36.6	43.9	51.2	58.6	65.9	73.3	80.7	88.1	102.8	117.6	PSI
<b>192"</b>	Volume	200.80	200.54	200.28	200.02	199.76	199.49	199.23	198.97	198.45	197.93	197.41	196.89	196.38	195.86	195.34	194.83	193.80	192.77	ft^3/ft
	Weight	128.3	256.4	385.6	512.5	640.5	768.3	896.1	1023.7	1278.8	1533.6	1788.0	2042.1	2295.9	2549.3	2802.4	3055.2	3559.7	4062.9	Lb/ft cs
Max PSI at E=1.00		5.1	10.1	15.2	20.2	25.3	30.3	35.4	40.5	50.6	60.8	71.0	81.1	91.3	101.5	111.7	122.0	142.4	162.9	PSI
Max PSI at E=0.85		4.3	8.6	12.9	17.2	21.5	25.8	30.1	34.4	43.0	51.7	60.3	69.0	77.6	86.3	95.0	103.7	121.1	138.5	PSI
Max PSI at E=0.7		3.5	7.1	10.6	14.2	17.7	21.2	24.8	28.3	35.4	42.6	49.7	56.8	63.9	71.1	78.2	85.4	99.7	114.1	PSI
<b>198"</b>	Volume	213.55	213.29	213.01	212.75	212.48	212.21	211.94	211.67	211.13	210.60	210.06	209.53	208.99	208.46	207.93	207.39	206.33	205.27	ft^3/ft
	Weight	132.3	264.5	397.6	528.6	660.5	792.4	924.1	1055.8	1318.9	1581.7	1844.2	2106.3	2368.1	2629.5	2890.6	3151.4	3672.0	4191.2	Lb/ft cs

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