



Industrial Fiberglass Specialties, Inc.

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Technical Bulletin Approximate Volumes of Tank Heads

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In U.S. Gallons

Includes I.C.R. Area

No Straight Flange

I.D.	ASME F&D	Standard F&D	Dished Only	Elliptical	Hemispherical	Brighton 80-10
12"	.58	.54	.42	.98	2.00	.81
18"	1.84	1.73	1.40	3.30	6.60	2.78
24"	4.50	3.88	3.20	7.80	15.70	6.58
30"	8.97	7.24	6.30	15.30	30.60	13.00
36"	15.70	12.30	10.90	26.40	52.90	22.00
42"	25.90	19.30	17.30	42.00	84.00	35.00
48"	37.30	28.40	25.80	62.70	125.30	53.00
54"	53.10	40.20	36.70	89.20	178.50	75.00
60"	72.90	54.60	50.40	122.40	244.80	103.00
66"	98.20	72.40	67.00	162.90	325.80	137.00
72"	127.00	95.60	87.00	211.50	423.00	178.00
78"	162.00	120.00	110.70	268.90	537.80	226.00
84"	203.00	150.00	138.20	335.90	671.70	282.00
90"	251.00	180.00	170.00	413.10	826.20	347.00
96"	308.00	214.00	206.30	501.40	1002.70	421.00
102"	370.00	257.00	247.00	601.00	1203.00	505.00
108"	439.00	311.00	294.00	714.00	1428.00	600.00
114"	516.00	360.00	346.00	840.00	1679.00	705.00
120"	604.00	428.00	403.00	979.00	1958.00	823.00
126"	701.00	494.00	467.00	1134.00	2267.00	952.00
132"	813.00	569.00	526.00	1303.00	2607.00	1094.000
138"	926.00	682.00	613.00	1489.00	2978.00	1251.00
144"	1026.00	739.00	696.00	1692.00	3384.00	1421.00

31-1/2 Gallons equal 1 Barrel
 Cubic Feet x 7.48= U.S. Gallons
 Cubic Inches x .004329 = U.S. Gallons
 U.S. Gallons x .13367 = Cubic Feet
 U.S. Gallons x 231 = Cubic Inches

Cubic Inches Water x .03617=Lbs. (Avoir)
 12 U.S. Gallons of Water = 1 Cwt
 240 Gallons of Water = 1 Ton
 Column of Water, 12 inches high, 1 inch in
 diameter equals .341 Lbs.