

CAPACITY OF VARNISH DIP TANKS

Capacity of Rectangular Tanks In Gallons Per Foot Depth

Width of Tank						Length of Tank					
Ft. In.	Ft.	Ft. In.	Ft.	Ft. In.	Ft.	Ft. In.	Ft.	Ft. In.	Ft.	Ft. In.	Ft.
	2	2'6"	3.0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0"
2'0"	30	37	45	52	60	67	75	82	90	97	105
2'6"	-	47	56	65	75	84	94	103	112	121	131
3'0"	-	-	67	79	90	101	112	123	135	146	157
3'6"	-	-	-	92	105	118	131	144	157	170	183
4'0"	-	-	-	-	120	135	150	165	180	194	209
4'6"	-	-	-	-	-	151	168	185	202	219	236
5'0"	-	-	-	-	-	-	187	206	224	243	262
5'6"	-	-	-	-	-	-	-	226	247	267	288
6'0"	-	-	-	-	-	-	-	-	269	292	314
6'6"	-	-	-	-	-	-	-	-	-	316	340
7'0"	-	-	-	-	-	-	-	-	-	-	367

To determine the number of gallons in rectangular tanks, use the following formula:

$$\text{Number of gallons} = \frac{\text{length (in.)} \times \text{width (in.)} \times \text{depth of vsh (in.)}}{231}$$

CAPACITY OF CYLINDRICAL TANKS IN GALLONS PER FOOT DEPTH

Diameter Ft. In.	Gallons 1 Foot Depth	Diameter Ft. In.	Gallons 1 Foot Depth	Diameter Ft. In.	Gallons 1 Foot Depth
1'0"	6	4'3"	106	7'6"	330
1'3"	9	4'6"	119	7'9"	353
1'6"	13	4'9"	133	8'0"	376
1'9"	18	5'0"	147	8'3"	400
2'0"	24	5'3"	162	8'6"	424
2'3"	30	5'6"	178	8'9"	450
2'6"	37	5'9"	194	9'0"	476
2'9"	44	6'0"	212	9'3"	503
3'0"	53	6'3"	230	9'6"	530
3'3"	62	6'6"	248	9'9"	559
3'6"	72	6'9"	268	10'0"	588
3'9"	83	7'0"	288	-	-
4'0"	94	7'3"	309	-	-

To determine the number of gallons in cylindrical tanks, use the following formula:

$$\text{Number of gallons} = \frac{3.14 \times (\text{radius of tank (in.)})^2 \times \text{depth of vsh (in.)}}{231}$$