

Incineration Waste - Quantity Estimation Data.**Container Size & Volume**

Description Of Container.	SIZE IN INCHES.		SIZE IN METERS.		VOLUME	VOLUME
	diameter.	height.	diameter.	height.	CU. FEET	CU. METER
	1	1	0.0254	0.0254	1	0.0283
Garbage Can	16	22	0.4064	0.5588	2	0.0566
	18	24	0.4572	0.6096	3.6	0.10188
	21	25.5	0.5334	0.6477	4.1	0.11603
Oil Drum	55	gallon			7	0.1981
Bushel (US Standard)					1.25	0.03538
Barrel (U.S. Standard)						
Gallon (U.S. Standard)					0.134	0.00379

Waste Density and Weight Carrying Capacity of Containers

Waste Description	Density in lb./cu.ft	Density in kg./cu..mtr	waste in 55 gallon drum (kg.)	waste in can size 16"x22" (kg.)	waste in can size 18"x24" (kg.)	waste in can size 21"x25.5" (kg.)
		1	16.08	3.2		
Paper (loose)	7	112.56	22.3	6.37	11.47	13.06
Wood (dry)	15	241.20	47.8	13.65	24.57	27.99
Sawdust	12	192.96	38.2	10.92	19.66	22.39
Magazines & Packed paper	50	804.00	159.3	45.51	81.91	93.29
Garbage (70% moisture)	45	723.60	143.3	40.96	73.72	83.96
Type 0 waste(paper, wood 25% moistu	10	160.80	31.9	9.10	16.38	18.66
Type I waste(paper, wood) 25% moistu	10	160.80	31.9	9.10	16.38	18.66
Type II waste(garbage) 70% moist	20	321.60	63.7	18.20	32.76	37.32
Type III waste(garbage) 70% moist	35	562.80	111.5	31.85	57.34	65.30