

POUR CALCULATOR

Sonotube Concrete Bag Chart

Round tube forms | 60 and 80 lb bags | Cubic yards | 10% waste included

Use	Tube size	Volume	60 lb	80 lb	Yards
Light pier 8 in tube	8 in x 36 in	1.05 cu ft	3	2	0.04
Small deck 10 in tube	10 in x 48 in	2.18 cu ft	6	4	0.09
Deck pier 12 in tube	12 in x 48 in	3.14 cu ft	8	6	0.13
Deep pier 12 in tube	12 in x 60 in	3.93 cu ft	10	8	0.16
Large deck 16 in tube	16 in x 48 in	5.59 cu ft	14	11	0.23
Large pier 16 in tube	16 in x 60 in	6.98 cu ft	18	13	0.28
Heavy pier 18 in tube	18 in x 48 in	7.07 cu ft	18	13	0.29
Big form 24 in tube	24 in x 48 in	12.57 cu ft	31	24	0.51

Formula

volume = pi x radius squared x depth
Use inside diameter and concrete fill depth.

Before pouring

Check footing design and local code.
Bell bases or pads need separate estimates.

Method: straight tube volume only. Does not include flared bases, pads or post displacement.
Estimates only. Verify form size, footing design and bag yield before buying. pourcalculator.com - CC BY 4.0