How to calculate how much Polecrete is needed

1. Determine the volume of the augered hole. The formula is:

$$\text{volume} = \pi r^2 b$$

(r = hole radius in inches; b = burial depth in inches)

2. Calculate the volume of the pole section that will be inserted:

$$\text{Pole burial volume} = \pi r^2 b$$

(r = pole radius in inches; b = burial depth in inches)

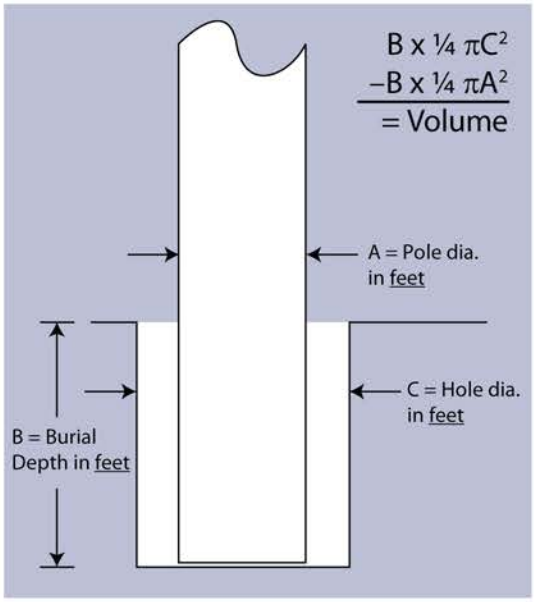
3. Subtract the pole section's volume from the volume of the hole.

4. Divide the result by 1,728 to get the net volume in cubic feet.

5. Consult the chart at right to find the Polecrete kit size that's right for the job.

In the illustration below, all dimensions are in feet, not inches.

Net Volume	Polecrete Kit Size
1.8 – 2.0 cu. ft.	1 Gallon Kit
3.7 – 4.0 cu. ft.	2 Gallon Kit
5.7 – 6.0 cu. ft.	3 Gallon Kit
7.5 – 8.0 cu. ft.	2 - 2 Gallon Kits
9.0 – 9.5 cu. ft.	5 Gallon Kit



How To Order

Each gallon of Polecrete Stabilizer makes approximately 2 cubic feet of rigid backfill. Since Polecrete works well in confined spaces, you may wish to reduce the diameter of augered holes to further reduce costs. Use the formula at left and the chart above to provide a guideline for how much foam is needed. Polecrete is available in kits of 1 gallon, 2 gallons, 3 gallons, or 5 gallons.

Polecrete Stabilizer:

	Catalog Number
1 Gallon Kit	PK - 01 - PS
2 Gallon Kit	PK - 02 - PS
3 Gallon Kit	PK - 03 - PS
5 Gallon Kit*	PK - 05 - PS

*5-Gallon Kit is supplied in a 3-gallon (Part A) bucket and a 6-gallon (Part B) bucket. Contents of the 3-gallon bucket are poured into the 6-gallon bucket for mixing with the supplied mixing blade for ¼" drill.

Also available: Padcrete™ structural foam for pad transformer stabilization.

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