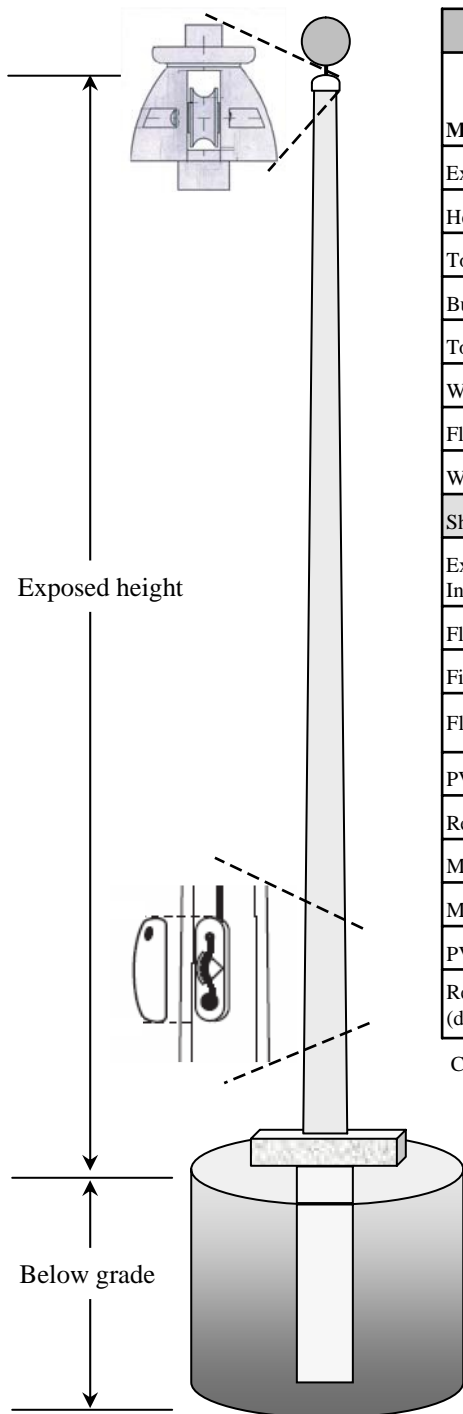


## Standard Fiberglass Installation

### Flagpoles & Banner Poles External & Internal Halyard (IH), In-Ground Sleeve



Specifications for Flagpoles T-, T-IH, and Banner Poles B-					
Model Number	B-20 T-20 T-20-IH	B-25 T-25 T-25-IH	B-30 T-30 T-30-IH	B-35 T-35 T-35-IH	B-40 T-40 T-40-IH
Exposed height	20'	25'	30'	35'	40'
Height below grade	2'	2.5'	3'	3.5'	4.0'
Total length	22'	27.5'	33'	38.5'	44'
Bottom diameter	4.20"	4.57"	4.94"	5.30"	5.67"
Top diameter	2.75"	2.75"	2.75"	2.75"	2.75"
Wall thickness	0.13"	0.15"	0.18"	0.21"	0.23"
Flagpole weight	28 lbs	38 lbs	52 lbs	76 lbs	96 lbs
Weight with tilting base	-	-	-	-	-
Shipping weight	51 lbs	66 lbs	86 lbs	115 lbs	141 lbs
External halyard diameter	1/4"	1/4"	5/16"	5/16"	5/16"
Internal halyard diameter	1/4"	1/4"	1/4"	1/4"	1/4"
Flash collar (square)	10" X 10"	10" X 10"	10" X 10"	10" X 10"	10" X 10"
Finial diameter	4"	4"	5"	5"	6"
Flag clips	Nylon	Nylon	Stainless steel	Stainless steel	Stainless steel
PVC Cleat	5"	5"	7"	7"	7"
Recommended flag size	3' X 5'	4' X 6'	5' X 8'	6' X 10'	6' X 10'
Maximum wind un-flagged	210 mph	190 mph	170 mph	160 mph	140 mph
Maximum wind with flag	170 mph	150 mph	130 mph	120 mph <td 110 mph	
PVC Sleeve	6" X 24"	6" X 30"	6" X 36"	6" X 42"	6" X 48"
Recommended foundation (diameter X depth)	30" X 30"	30" X 36"	30" X 42"	32" X 48"	34" X 54"

Counterweights on internal halyard poles: 2.5lbs.

**Recommended hole size:**

- 20-ft pole : D = 30" / H = 30"
- 25-ft pole : D = 30" / H = 36"
- 30-ft pole : D = 30" / H = 42"
- 35-ft pole : D = 32" / H = 48"
- 40-ft pole : D = 34" / H = 54"

6" of gravel must be added to the bottom of the hole to facilitate drainage. Actual depth of concrete is equal to Depth minus 6"

D = Hole diameter      H = Hole height

**Foundation**

