

MilSpec Wind and Buoyancy Chart Ver 1.0

Wind Anchorage <sup>1</sup>								Buoyancy Anchorage <sup>1</sup>		
Tank Number	Number per of Straps or Cables Required Per zone							Number of Cables Required	Number of Straps Required	Anchor Pull-Out Load
	90 mph.	100 mph.	110 mph.	120 mph.	130 mph.	140 mph.	150 mph.			
1	0	0	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	6	6	1546 lbs.
2	0	0	0	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	5	5	1577 lbs.
3	0	0	0	0	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	4	4	1359 lbs.
4	0	0	0	0	1	0 <sup>2</sup>	0 <sup>2</sup>	3	3	1540 lbs.
5	0	0	0	0	1	1	0 <sup>2</sup>	2	2	1359 lbs.
6	0	0	0	1	1	1	1	1	1	884 lbs.
7	0	0	0	1	1	1	1	1	1	1359 lbs.
8	0	0	1	1	1	1	1	1	1	816 lbs.
9	0	1	1	1	1	1	1	1	1	653 lbs.
10	0	0	1	1	1	1	1	1	1	653 lbs.

NOTES:

<sup>(1)</sup> Engineering Data Based On Weight OF Empty Tank.

<sup>(2)</sup> (2) Two Starps or Cables Recommended for Stabilization on Longer Tankls in High Winds.

<sup>(3)</sup> Single Cable Installations Should Have the Strap or Cable at Center of Tank

<sup>(4)</sup> Class 2 Soils Require a Minimum of

Class 3 Soils Require a Minimum of

Class 4A Soils Require a Minimum of

Class 4B Soils Require a Minimum of























































