

DIRECTIONS

TEST 1 CHLORINE RESIDUAL (1.5 Ideal)

1. Fill small tube to line.
2. Add 1 DPD #1 Tablet.
3. Invert several times to dissolve tablet and mix.
4. Compare color with chlorine standards on the left.

TEST 2 pH (7.4-7.6 Ideal)*

1. Fill large tube to top line.
2. Add one drop Reagent 4 (if chlorine test shows over 3ppm, add two drops). Invert to mix.
3. Add 5 drops Reagent 2. Invert to mix.
4. Compare color with pH standards on the right.

TEST 3 ACID DEMAND (If pH over 7.6)

1. Use sample from pH test.
2. Add Reagent 3 one drop at a time. Invert tube after each drop to mix. Count the drops added.
3. When color matches that of 7.4 or 7.6 pH color standard, refer to acid dosage chart for required dosage.

TEST 3B ALKALI DEMAND (If pH below 7.4)

1. Use sample from pH test.
2. Add Reagent 3B one drop at a time. Shake tube vigorously to mix each drop. Count the drops added.
3. When color matches that of 7.4 or 7.6 pH color standard, refer to alkali dosage chart for required dosage.

TEST 4 TOTAL ALKALINITY (125-150 ppm Ideal for all pool surfaces*)

1. Fill large tube to bottom line.
2. Add one drop of Reagent 4 and swirl.
3. Add one drop of reagent 5 and swirl.
4. Add reagent 3 one drop at a time. Swirl after each drop. Count drops added until color changes to orange or pink-orange.
5. Number of drops of reagent 3 times 10 equals total alkalinity.

ALKALI DOSAGE CHART AMOUNT REQUIRED - BALANCE PAK 200 oz. = ounces # = pounds

Pool Capacity in Gallons	DROPS OF ALKALI DEMAND REAGENT 3-B									
	1	2	3	4	5	6	7	8	9	10
2,500	1 oz.	2 oz.	3 oz.	4 oz.	5 oz.	6 oz.	7 oz.	8 oz.	9 oz.	10 oz.
5,000	2 oz.	4 oz.	6 oz.	8 oz.	10 oz.	12 oz.	14 oz.	16 oz.	18 oz.	20 oz.
10,000	1/4#	1/2#	3/4#	1#	1 1/4#	1 1/2#	1 3/4#	2#	2 1/4#	2 1/2#
15,000	6 oz.	3/4#	1 1/8#	1 1/2#	2#	2 1/4#	2 3/4#	3#	3 1/2#	3 3/4#
20,000	1/2#	1#	1 1/2#	2#	2 1/2#	3#	3 1/2#	4#	4 1/2#	5#
25,000	10 oz.	1 1/4#	2#	2 1/2#	3 1/4#	3 3/4#	4 1/2#	5#	5 3/4#	6 1/4#
30,000	3/4#	1 1/2#	2 1/4#	3#	3 3/4#	4 1/2#	5 1/4#	6#	6 3/4#	7 1/2#
35,000	14 oz.	1 3/4#	2 3/4#	3 1/2#	4 1/2#	5 1/4#	6 1/4#	7#	8#	8 3/4#
40,000	1#	2#	3#	4#	5#	6#	7#	8#	9#	10#
50,000	1 1/4#	2 1/2#	3 3/4#	5#	6 1/4#	7 1/2#	8 3/4#	10#	11 1/4#	12 1/2#

* NOTE: The ideal pH range is 7.4 - 7.6 for all pool surfaces.