Water Quality Conversion Chart

PURETEC
Industrial Water Treatment
(800) 906-6060

Quality →

Less Dissolved Solids →

Resistivity Mega-ohms =(M) = Ω or Kilo-ohms (K) = K	Conductivity MicroSeimens = µS or mS	Dissolved Solids TDS (ppm)	Grains Per Gallon GPG 1 Grain = 17.1 ppm	pH Max	 Min
18 Meg Ω	**0.056 µS**	0.028	0.000	7.8	6.2
17 Meg Ω	**0.058 µS**	0.029	0.002	7.8	6.2
16 Meg Ω	**0.063 µS**	0.031	0.002	7.9	6.1
15 Meg Ω	**0.066 µS**	0.033	0.002	7.9	6.1
14 Meg Ω	**0.071 µS**	0.036	0.002	7.9	6.1
13 Meg Ω	**0.077 µS**	0.038	0.002	7.9	6.1
12 Meg Ω	**0.083 µS**	0.042	0.002	8.0	6.0
11 Meg Ω	**0.091 µS**	0.045	0.003	8.0	6.0
10 Meg Ω	**0.010 µS**	0.05	0.003	8.1	5.9
9 Meg Ω	**0.011 µS**	0.055	0.003	8.1	5.9
8 Meg Ω	**0.125 µS**	0.063	0.004	8.2	5.8
7 Meg Ω	**0.143 µS**	0.0715	0.004	8.3	5.7
6 Meg Ω	**0.167 µS**	0.0835	0.005	8.3	5.7
5 Meg Ω	**0.2 µS**	0.1	0.006	8.4	5.6
4 Meg Ω	**0.250 µS**	0.125	0.007	8.5	5.5
3 Meg Ω	**0.333 µS**	0.1665	0.010	8.6	5.4
2 Meg Ω	**0.5 µS**	0.25	0.015	8.8	5.2
1 Meg Ω **QC Light**	**1 µS**	0.5	0.029	9.1	4.9
900 K	**1.11 µS**	0.55	0.032	9.2	4.8
800 K	**1.25 µS**	0.625	0.037	9.2	4.7
700 K	**1.43 µS**	0.715	0.042	9.3	4.6
600 K	**1.67 µS**	0.835	0.049	9.4	4.5
500 K	**2 µS**	1	0.058	9.5	4.4
400 K	**2.5 µS**	1.25	0.073	9.6	4.4
300 K	**3.3 µS**	1.65	0.096	9.7	4.3
200 K **QC Light**	**5 µS**	2.5	0.146	9.7	4.3
100 K	**10 µS**	5	0.292	10.1	3.9
50 K	**20 µS**	10	0.585	10.4	3.6
40 K	**25 µS**	12.5	0.731	10.5	3.5
30 K	**33.3 µS**	16.65	0.974	10.6	3.4
20 K **QC Light**	**50 µS**	25	1.462	10.8	3.2
10 K	**100 µS**	50	2.924	11.1	2.9
5 K	**200 µS**	100	5.848	11.4	2.6
1 K	**1 mS**	500	29.240	12.1	1.9

pH Scale

Acidic ← → **Alkaline**

0 **3** Nuetral = 7 10 **14**

Orange Juice ↑ ↑ Milk of Magnesia