



ULTRAPURE
ULTRAPURE & INDUSTRIAL SERVICES, LLC

Total Service and Support for Water Treatment Systems
ISO 9001:2008 Certified

CONVERSION CHART

Resistance or Conductance vs. Parts Per Million or Grains Per Gallon

RESISTANCE OHMS	CONDUCTANCE MICROMHOS	TDS PPM	GPG
100	10000	5000	292.4
200	5000	2500	146.2
300	3333	1667	97.5
400	2500	1250	73.1
500	2000	1000	58.5
600	1666	833	48.7
700	1428	714	41.8
800	1250	625	36.5
900	1111	555	32.5
1000	1000	500	29.2
1100	909.9	454	26.5
1200	833.3	416	24.3
1300	769.2	384	22.5
1400	714.2	357	20.9
1500	666.6	333	19.5
1600	625.0	312	18.2
1700	588.2	294	17.2
1800	555.5	278	16.3
1900	526.3	263	15.4
2000	500.0	250	14.6
2100	476.2	238	13.9
2200	454.5	227	13.3
2300	434.8	217	12.7
2400	416.6	208	12.2
2500	400.0	200	11.7
2600	384.6	192	11.3
2700	370.4	185	10.8
2800	357.1	179	10.5
2900	344.8	172	10.1
3000	333.3	166	9.8
3100	322.5	161	9.4
3200	312.0	156	9.1
3300	303.0	152	8.0
3400	294.1	147	8.6
3500	285.7	143	8.4
3600	277.8	139	8.2
3700	270.3	135	7.9
3800	263.2	132	7.7
3900	256.4	128	7.5
4000	250.0	125	7.3
4100	243.9	122	7.1
4200	238.1	119	6.0
4300	232.5	116	6.7
4400	227.3	114	6.6
4500	222.2	111	6.5





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RESISTANCE OHMS	CONDUCTANCE MICROMHOS	TDS PPM	GPG
4600	217.4	109	6.4
4700	212.8	106	6.2
4800	208.3	104	6.1
4900	204.1	102	6.0
5000	200.0	100	5.8
5100	196.1	98	5.7
5200	192.3	96	5.6
5300	188.6	94	5.5
5400	185.2	93	5.4
5500	181.8	91	5.3
5600	178.5	89	5.2
5700	175.4	88	5.1
5800	172.4	86	5.0
5900	169.5	85	4.97
6000	166.7	83	4.85
6500	153.8	77	4.51
7000	142.9	72	4.21
7500	133.3	67	3.92
8000	125.0	63	3.68
8500	117.6	59	3.45
9000	111.1	56	3.27
9500	105.3	53	3.10
10000	100	50	2.92
12500	80	40	2.34
14286	70	35	2.04
16666	60	30	1.75
20000	50	25	1.46
25000	40	20	1.17
33333	30	15	0.88
35714	28	14	0.82
38461	26	13	0.76
41666	24	12	0.70
45454	22	11	0.64
50000	20	10	0.58
55555	18	9	0.52
62500	16	8	0.47
71428	14	7	0.41
83333	12	6	0.35
100000	10	5	0.29
125000	8	4	0.23
166666	6	3	0.17
250000	4	2	0.12
500000	2	1	0.06
1000000	1	0.50	0.03
2000000	0.5	0.25	0.014
5000000	0.2	0.13	0.007
10000000	0.1	0.04	0.002
18000000	0.05	0.028	0.001

