

# SOFTENING RESIN



## RESIN CAPACITY COMPARISON CHART

Part Number	Description	Amount of NaCl / Cu.Ft.		Capacity / Cu.Ft. as CaCO <sub>3</sub>		Hardness Leakage @ 11.7 Grains (200 PPM) as CaCO <sub>3</sub>		Hardness Leakage @ 23.4 Grains (400 PPM) as CaCO <sub>3</sub>	
		Pounds (US)	Kilograms (Metric)	Kilograins (US)	Kilograms (Metric)	Grains	PPM	Grains	PPM
ER10001	Prosoft™ Gold (7% Crosslink)	6	2.7	22.6	1.46	0.066	1.12	0.183	3.13
		8	3.6	26.2	1.70	0.043	0.73	0.120	2.05
		10	4.5	28.7	1.86	0.30	0.51	0.083	1.42
		12	5.4	30.5	1.98	0.022	0.37	0.061	1.03
		15	6.8	32.6	2.11	0.014	0.24	0.039	0.66
		20	9.1	35.0	2.27	0.008	0.13	0.021	0.36
ER10002	ProSoft™ Premium (8% Crosslink)	6	2.7	23.8	1.54	0.066	1.12	0.183	3.13
		8	3.6	27.6	1.79	0.043	0.73	0.120	2.05
		10	4.5	30.2	1.96	0.30	0.51	0.083	1.42
		12	5.4	32.2	2.09	0.022	0.37	0.061	1.03
		15	6.8	34.4	2.23	0.014	0.24	0.039	0.66
		20	9.1	36.9	2.39	0.008	0.13	0.021	0.36
ER10003	ProSoft™ Fine Mesh (8% Crosslink)	6	2.7	28.3	1.83	0.066	1.12	0.183	3.13
		8	3.6	31.1	2.02	0.043	0.73	0.120	2.05
		10	4.5	33.4	2.16	0.30	0.51	0.083	1.42
		12	5.4	34.2	2.22	0.022	0.37	0.061	1.03
		15	6.8	34.4	2.23	0.014	0.24	0.039	0.66
		20	9.1	36.9	2.39	0.008	0.13	0.021	0.36
ER10006	ProSoft™ Heavy Duty (10% Crosslink)	6	2.7	26.8	1.74	0.066	1.12	0.183	3.13
		8	3.6	31.1	2.02	0.043	0.73	0.120	2.05
		10	4.5	34.1	2.21	0.30	0.51	0.083	1.42
		12	5.4	36.3	2.35	0.022	0.37	0.061	1.03
		15	6.8	38.8	2.51	0.014	0.24	0.039	0.66
		20	9.1	41.7	2.70	0.008	0.13	0.021	0.36
ER10009	ProSoft™ High Porosity (12%+ Crosslink)	6	2.7	20.7	1.34	0.066	1.12	0.183	3.13
		8	3.6	24.0	1.56	0.043	0.73	0.120	2.05
		10	4.5	26.3	1.70	0.30	0.51	0.083	1.42
		12	5.4	28.1	1.82	0.022	0.37	0.061	1.03
		15	6.8	30.0	1.94	0.014	0.24	0.039	0.66
		20	9.1	32.2	2.09	0.008	0.13	0.021	0.36

**Note: Salt and capacity calculations are listed in units of measure needed to program all SWT computer controlled/metered water softeners, for both US and metric modes. Standard resin used in most SWT water softeners is ProSoft™ Premium.**

Capacities were calculated based on influent water supply with the following specifications:

- Magnesium: 0 ppm
- Sodium: 100 ppm
- Water Temperature: 60°F (16°C)
- Flow Rate: 2.0 gpm / cu.ft.
- Bed Depth: 36 inches