

PCM		<b>PlusICE PCM (HYDRATED SALT) (S) RANGE</b>											2013-1	
PCM Type	Phase Change Temperature		Density		Latent Heat Capacity		Volumetric Heat Capacity		Specific Heat Capacity		Thermal Conductivity		Max Operating	Max Operating
	(°C)	(°F)	(kg/m <sup>3</sup> )	(lb / ft <sup>3</sup> )	(kJ/kg)	(Btu / lb)	(MJ/m <sup>3</sup> )	(Btu / ft <sup>3</sup> )	(kJ/kg K)	(Btu / lb °F)	(W/m K)	(Btu / ft <sup>2</sup> h°F)	Temp (°C)	Temp (°F)
<b>HYDRATED SALT BASED PCM SOLUTIONS</b>														
S117	117	243	1,450	90.5	160	69	232	6,227	2.61	0.618	0.700	0.405	140	284
S89	89	192	1,550	96.8	151	65	234	6,282	2.48	0.588	0.670	0.387	120	248
S83	83	181	1,600	99.9	141	61	226	6,055	2.31	0.547	0.620	0.358	120	248
S72	72	162	1,666	104.0	127	55	212	5,679	2.13	0.505	0.580	0.335	120	248
S70	70	158	1,680	104.9	110	47	185	4,960	2.10	0.497	0.570	0.329	120	248
S58	58	136	1,505	94.0	145	62	218	5,857	2.55	0.604	0.690	0.399	120	248
S50	50	122	1,601	99.9	100	43	160	4,297	1.59	0.377	0.430	0.249	120	248
S46	46	115	1,587	99.1	210	90	333	8,945	2.41	0.571	0.450	0.260	56	133
S44	44	111	1,584	98.9	100	43	158	4,251	1.61	0.381	0.430	0.249	120	248
S34	34	93	2,100	131.1	115	49	242	6,482	2.10	0.497	0.520	0.301	70	158
S32	32	90	1,460	91.1	200	86	292	7,837	1.91	0.452	0.510	0.295	60	140
S30	30	86	1,304	81.4	190	82	248	6,650	1.90	0.450	0.480	0.277	60	140
S27	27	81	1,530	95.5	183	79	280	7,515	2.20	0.521	0.540	0.312	60	140
S25	25	77	1,530	95.5	180	77	275	7,392	2.20	0.521	0.540	0.312	60	140
S23	23	73	1,530	95.5	175	75	268	7,186	2.20	0.521	0.540	0.312	60	140
S21	22	72	1,530	95.5	170	73	260	6,981	2.20	0.521	0.540	0.312	60	140
S19	19	66	1,520	94.9	160	69	243	6,527	1.90	0.450	0.430	0.249	60	140
S17	17	63	1,525	95.2	160	69	244	6,549	1.90	0.450	0.430	0.249	60	140
S15	15	59	1,510	94.3	160	69	242	6,485	1.90	0.450	0.430	0.249	60	140
S13	13	55	1,515	94.6	160	69	242	6,506	1.90	0.450	0.430	0.249	60	140
S10	10	50	1,470	91.8	155	67	228	6,115	1.90	0.450	0.430	0.249	60	140
S8	8	46	1,475	92.1	150	65	221	5,938	1.90	0.450	0.440	0.254	60	140
S7	7	45	1,700	106.1	150	65	255	6,844	1.85	0.438	0.400	0.231	60	140
<b>PCM Products has a policy of continues product and product data improvement and reserves the right to change design and specifications without notice</b>														