



PlusICE PCM (HYDRATED SALT) (S) RANGE

2011-1

PCM Type	Phase Change Temperature		Density		Latent Heat Capacity		Volumetric Heat Capacity		Specific Heat Capacity		Thermal Conductivity	
	(°C)	(°F)	(kg/m ³)	(lb / ft ³)	(kJ/kg)	(Btu / lb)	(MJ/m ³)	(Btu / ft ³)	(kJ/kg K)	(Btu / lb°F)	(W/m K)	(Btu / ft ² h°F)
HYDRATED SALT BASED PCM SOLUTIONS												
S117	117	243	1,450	90.5	160	69	232	6,227	2.61	0.618	0.700	0.405
S89	89	192	1,550	96.8	151	65	234	6,282	2.48	0.588	0.670	0.387
S83	83	181	1,600	99.9	141	61	226	6,055	2.31	0.547	0.620	0.358
S72	72	162	1,666	104.0	127	55	212	5,679	2.13	0.505	0.580	0.335
S58	58	136	1,505	94.0	145	62	218	5,857	2.55	0.604	0.690	0.399
S50	50	122	1,601	99.9	100	43	160	4,297	1.59	0.377	0.430	0.249
S46	46	115	1,587	99.1	210	90	333	8,945	2.41	0.571	0.450	0.260
S44	44	111	1,584	98.9	100	43	158	4,251	1.61	0.381	0.430	0.249
S34	34	93	2,100	131.1	115	49	242	6,482	2.10	0.497	0.520	0.301
S32	32	90	1,460	91.1	200	86	292	7,837	1.91	0.452	0.510	0.295
S30	30	86	1,304	81.4	190	82	248	6,650	1.90	0.450	0.480	0.277
S27	27	81	1,530	95.5	183	79	280	7,515	2.20	0.521	0.540	0.312
S25	25	77	1,530	95.5	180	77	275	7,392	2.20	0.521	0.540	0.312
S23	23	73	1,530	95.5	175	75	268	7,186	2.20	0.521	0.540	0.312
S21	22	72	1,530	95.5	170	73	260	6,981	2.20	0.521	0.540	0.312
S19	19	66	1,520	94.9	160	69	243	6,527	1.90	0.450	0.430	0.249
S17	17	63	1,525	95.2	160	69	244	6,549	1.90	0.450	0.430	0.249
S15	15	59	1,510	94.3	160	69	242	6,485	1.90	0.450	0.430	0.249
S13	13	55	1,515	94.6	160	69	242	6,506	1.90	0.450	0.430	0.249
S10	10	50	1,470	91.8	155	67	228	6,115	1.90	0.450	0.430	0.249
S8	8	46	1,475	92.1	150	65	221	5,938	1.90	0.450	0.440	0.254
S7	7	45	1,700	106.1	150	65	255	6,844	1.85	0.438	0.400	0.231

PCM Products has a policy of continues product and product data improvement and reserves the right to change design and specifications without notice