



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

# PlusICE Hydrated Salt (S) Range



PCM Type	Phase Change Temperature		Density		Latent Heat Capacity		Volumetric Heat Capacity		Specific Heat Capacity		Thermal Conductivity		Maximum Operating Temperature	
	(°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/kgK)	(Btu/lb°F)	(W/mK)	(Btu/Hr ft <sup>2</sup> -°F)	(°C)	(°F)
S8	8	46	1,475	92	130	56	192	5,147	1.90	0.45	0.44	0.25	60	140
S10	10	50	1,470	92	170	73	250	6,707	1.90	0.45	0.43	0.25	60	140
S13	13	55	1,515	95	150	65	227	6,099	1.90	0.45	0.43	0.25	60	140
S15	15	59	1,510	94	180	77	272	7,295	1.90	0.45	0.43	0.25	60	140
S17	17	63	1,525	95	155	67	236	6,344	1.90	0.45	0.43	0.25	60	140
S18	18	64	1,520	95	145	62	220	5,916	1.90	0.45	0.43	0.25	60	140
S19	19	66	1,520	95	175	75	266	7,139	1.90	0.45	0.43	0.25	60	140
S20	20	68	1,530	96	195	84	298	8,008	2.20	0.52	0.54	0.31	60	140
S21	21	70	1,530	96	220	95	337	9,034	2.20	0.52	0.54	0.31	60	140
S22	22	72	1,530	96	215	93	329	8,829	2.20	0.52	0.54	0.31	60	140
S23	23	73	1,530	96	200	86	306	8,213	2.20	0.52	0.54	0.31	60	140
S24	24	75	1,530	96	180	77	275	7,392	2.20	0.52	0.54	0.31	60	140
S25	25	77	1,530	96	175	75	268	7,186	2.20	0.52	0.54	0.31	60	140
S27	27	81	1,530	96	185	80	283	7,597	2.20	0.52	0.54	0.31	60	140
S32	32	90	1,460	91	220	95	321	8,621	1.90	0.45	0.51	0.29	60	140
S34	34	93	2,100	131	140	60	294	7,891	2.10	0.50	0.52	0.30	70	158
S44	44	111	1,584	99	100	43	158	4,252	1.61	0.38	0.43	0.25	120	248
S50	50	122	1,601	100	125	54	200	5,371	1.59	0.38	0.43	0.25	120	248
S58	58	136	1,505	94	145	62	218	5,857	2.55	0.60	0.69	0.40	120	248
S70	70	158	1,680	105	100	43	168	4,509	2.10	0.50	0.57	0.33	120	248
S72	72	162	1,666	104	155	67	258	6,931	2.13	0.50	0.58	0.34	120	248
S83	83	181	1,600	100	100	43	160	4,294	2.31	0.55	0.62	0.36	120	248
S89	89	192	1,550	97	145	62	225	6,032	2.48	0.59	0.67	0.39	120	248
S117	117	243	1,450	91	125	54	181	4,865	2.61	0.62	0.70	0.40	140	284