

		PlusICE PCM TEMPERATURE (H) RANGE											2013-1	
PCM Type	Phase Change Temperature		Density		Latent Heat Capacity		Volumetric Heat Capacity		Specific Heat Capacity		Thermal Conductivity		Maximum Temperature	
	(°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)	(°C)	(°F)
HIGH TEMPERATURE PCM SOLUTIONS														
H105	104	219	1,700	106	125	54	213	5,704	1.500	0.355	0.500	0.289	390	734
H115	114	237	2,200	137	100	43	220	5,905	1.505	0.357	0.503	0.291	390	734
H120	120	248	2,220	139	120	52	266	7,150	1.510	0.358	0.506	0.292	390	734
H160	162	324	1,910	119	105	45	201	5,383	1.505	0.357	0.509	0.294	200	392
H190	191	376	2,300	144	170	73	391	10,494	1.510	0.358	0.512	0.296	500	932
H220	220	428	2,000	125	100	43	200	5,368	1.515	0.359	0.515	0.298	390	734
H230	227	441	1,553	97	105	45	163	4,377	1.520	0.360	0.518	0.299	300	572
H250	250	482	2,380	149	280	120	666	17,886	1.525	0.361	0.521	0.301	600	1,112
H255	254	489	2,380	149	270	116	643	17,247	1.530	0.362	0.524	0.303	600	1,112
H280	282	540	2,250	140	160	69	360	9,662	1.535	0.364	0.527	0.305	500	932
H285	285	545	2,200	137	85	37	187	5,019	1.540	0.365	0.530	0.306	390	734
H290	292	558	2,200	137	150	65	330	8,857	1.545	0.366	0.533	0.308	500	932
H300	302	576	1,900	119	130	56	247	6,629	1.550	0.367	0.537	0.310	500	932
H305	305	581	1,570	98	150	65	236	6,321	1.555	0.368	0.541	0.313	350	662
H320	320	608	2,100	131	70	30	147	3,945	1.500	0.355	0.545	0.315	390	734
H325	327	621	2,110	132	80	34	169	4,531	1.505	0.357	0.549	0.317	390	734
H335	334	633	2,110	132	80	34	169	4,531	1.510	0.358	0.553	0.320	390	734
H355	353	667	2,060	129	230	99	474	12,717	1.520	0.360	0.556	0.321	1300	2,372
H380	382	720	2,050	128	225	97	461	12,380	1.525	0.361	0.559	0.323	1300	2,372
H395	395	743	2,330	145	215	92	501	13,445	1.530	0.362	0.562	0.325	800	1,472
H425	425	797	2,100	131	220	95	462	12,400	1.535	0.364	0.565	0.327	1400	2,552
H430	430	806	2,160	135	125	54	270	7,247	1.540	0.365	0.568	0.328	1400	2,552
H485	483	901	2,220	139	200	86	444	11,917	1.545	0.366	0.571	0.330	800	1,472
H500	500	932	2,220	139	300	129	666	17,875	1.550	0.367	0.569	0.329	800	1,472
H500A	500	932	2,140	134	140	60	300	8,041	1.555	0.368	0.567	0.328	1400	2,552
H525	525	977	2,350	147	155	67	364	9,776	1.560	0.370	0.565	0.327	1000	1,832
H535	535	995	2,320	145	130	56	302	8,095	1.565	0.371	0.563	0.325	1000	1,832
H610	610	1,130	2,070	129	410	176	849	22,779	1.570	0.372	0.561	0.324	1300	2,372
H640	640	1,184	2,380	149	338	145	804	21,591	1.575	0.373	0.559	0.323	800	1,472
H650	652	1,206	2,450	153	300	129	735	19,727	1.580	0.374	0.557	0.322	800	1,472
H690	687	1,269	2,400	150	250	108	600	16,104	1.585	0.375	0.560	0.324	800	1,472
H695	695	1,283	2,460	154	280	120	689	18,487	1.590	0.377	0.563	0.325	800	1,472
H700	699	1,290	2,410	150	250	108	603	16,171	1.595	0.378	0.566	0.327	800	1,472
H705	706	1,303	2,430	152	250	108	608	16,305	1.600	0.379	0.569	0.329	800	1,472
H705A	705	1,301	2,040	127	452	194	922	24,749	1.595	0.378	0.573	0.331	1400	2,552
H725	725	1,337	2,210	138	602	259	1,330	35,708	1.590	0.377	0.577	0.334	1300	2,372
H755	755	1,391	2,160	135	466	200	1,007	27,016	1.585	0.375	0.581	0.336	800	1,472
H845	845	1,553	2,530	158	276	119	698	18,742	1.580	0.374	0.585	0.338	900	1,652
H885	885	1,625	2,290	143	236	102	540	14,505	1.575	0.373	0.589	0.340	900	1,652

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