

Paratherm HR® Heat Transfer Fluid

Physical Properties

Temperature °F	Temperature °C	Viscosity cPs	Viscosity cSt	Viscosity lb/ft-hr	Density g/cc	Density lb/gal	Density lb/ft³	Thermal Conductivity BTU/hr-ft-°F	Specific Heat BTU/lb-°F	Vapor Pressure mmhg	Vapor Pressure psia
0	-18	544	549	1316	0.99	8.3	62	0.068	0.44		
25	-4	134	136	323	0.98	8.2	61	0.068	0.45		
50	10	50	52	122	0.97	8.1	61	0.068	0.46		
75	24	21	22	52	0.96	8.0	60	0.068	0.46		
100	38	12	12	28	0.95	7.9	59	0.068	0.47		
125	52	7.1	7.5	17	0.94	7.8	59	0.068	0.48		
150	66	4.7	5.1	11	0.93	7.8	58	0.067	0.49		
175	79	3.3	3.6	8.1	0.92	7.7	57	0.067	0.49		
200	93	2.5	2.7	6.0	0.91	7.6	57	0.066	0.50		
225	107	1.9	2.1	4.6	0.90	7.5	56	0.066	0.51		
250	121	1.5	1.7	3.8	0.89	7.4	56	0.065	0.52		
275	135	1.3	1.5	3.1	0.88	7.3	55	0.065	0.52		
300	149	1.1	1.3	2.7	0.87	7.3	54	0.064	0.53		
325	163	0.95	1.1	2.3	0.86	7.2	54	0.064	0.54		
350	177	0.82	0.96	2.0	0.85	7.1	53	0.063	0.55		
375	191	0.72	0.86	1.7	0.84	7.0	52	0.062	0.55		
400	204	0.64	0.77	1.5	0.83	6.9	52	0.061	0.56	25	0.5
425	218	0.57	0.69	1.4	0.82	6.8	51	0.060	0.57	39	0.8
450	232	0.51	0.63	1.2	0.81	6.8	51	0.059	0.58	59	1.1
475	246	0.46	0.57	1.1	0.80	6.7	50	0.059	0.58	88	1.7
500	260	0.42	0.53	1.00	0.79	6.6	49	0.057	0.59	128	2.5
525	274	0.38	0.49	0.92	0.78	6.5	49	0.056	0.60	182	3.5
550	288	0.35	0.46	0.85	0.77	6.4	48	0.055	0.61	256	5.0
575	302	0.32	0.42	0.77	0.76	6.3	47	0.054	0.61	354	6.8
600	316	0.30	0.40	0.73	0.75	6.3	47	0.053	0.62	483	9.3
625	329	0.28	0.38	0.68	0.74	6.2	46	0.052	0.63	651	12.6
650	343	0.26	0.36	0.63	0.73	6.1	46	0.050	0.64	867	16.8
675	357	0.24	0.33	0.58	0.72	6.0	45	0.049	0.64	1142	22.1
700	371	0.22	0.31	0.53	0.71	5.9	44	0.047	0.65	1489	28.8

Visit <http://paracalc.paratherm.com/> for detailed properties in a choice of temperature increments.

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