

Paratherm HE® 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/ft ³	Thermal Conductivity BTU/hr-ft-°F	Specific Heat BTU/lb-°F	Vapor Pressure mmhg	Vapor Pressure psia
35	2	325	373	786	0.87	7.3	55	0.076	0.43		
50	10	189	218	458	0.87	7.3	55	0.076	0.44		
75	24	73	84	176	0.86	7.2	54	0.075	0.45		
100	38	38	45	93	0.85	7.1	53	0.075	0.47		
125	52	21	25	50	0.84	7.0	52	0.074	0.48		
150	66	13	16	31	0.83	6.9	52	0.074	0.49		
175	79	9	10	21	0.82	6.8	51	0.073	0.50		
200	93	6	7.4	15	0.82	6.8	51	0.073	0.51		
225	107	4.4	5.5	11	0.81	6.8	51	0.072	0.53		
250	121	3.4	4.2	8.2	0.80	6.7	50	0.072	0.54		
275	135	2.7	3.4	6.6	0.79	6.6	49	0.071	0.55		
300	149	2.2	2.9	5.4	0.78	6.5	49	0.071	0.56		
325	163	1.9	2.4	4.5	0.77	6.4	48	0.070	0.57		
350	177	1.6	2.1	3.8	0.76	6.3	47	0.070	0.59		
375	191	1.4	1.8	3.3	0.75	6.3	47	0.069	0.60		
400	204	1.2	1.6	2.8	0.74	6.2	46	0.069	0.61		
425	218	1.0	1.4	2.5	0.74	6.2	46	0.068	0.62		
450	232	0.9	1.2	2.2	0.73	6.1	46	0.068	0.63		
475	246	0.8	1.1	1.9	0.72	6.0	45	0.067	0.65		
500	260	0.71	1.0	1.7	0.71	5.9	44	0.067	0.66		
525	274	0.64	0.91	1.50	0.70	5.8	43	0.066	0.67		
550	288	0.57	0.83	1.40	0.69	5.8	43	0.066	0.68	21	0.4
575	302	0.52	0.76	1.30	0.68	5.7	43	0.065	0.69	33	0.6
600	316	0.47	0.70	1.10	0.67	5.6	42	0.065	0.71	52	1.0
625	329	0.43	0.65	1.00	0.66	5.5	41	0.064	0.72	79	1.5

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

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