

Paratherm CR® 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
-150	-101	36	38	87	0.95	7.9	59	0.086	0.35		
-125	-87	21	22	50	0.94	7.8	59	0.086	0.36		
-100	-73	5	5.5	12	0.92	7.7	57	0.085	0.38		
-75	-59	3	3.8	8.3	0.91	7.6	57	0.084	0.39		
-50	-46	2	2.5	5.4	0.89	7.4	56	0.084	0.40		
-25	-32	2	1.8	3.8	0.88	7.3	55	0.083	0.41		
0	-18	1	1.5	3.2	0.87	7.3	54	0.083	0.43		
25	-4	1	1.3	2.7	0.85	7.1	53	0.082	0.44		
50	10	1	1.1	2.2	0.84	7.0	52	0.081	0.45		
75	24	1	0.94	1.9	0.82	6.8	51	0.081	0.46		
100	38	1	0.84	1.6	0.81	6.8	51	0.080	0.47		
125	52	0.58	0.73	1.4	0.80	6.7	50	0.080	0.49		
150	66	0.51	0.65	1.2	0.78	6.5	49	0.079	0.50	28	0.5
175	79	0.46	0.60	1.1	0.77	6.4	48	0.078	0.51	55	1.1
200	93	0.42	0.56	1.00	0.75	6.3	47	0.078	0.52	94	1.8
225	107	0.38	0.51	0.92	0.74	6.2	46	0.077	0.54	145	2.8
250	121	0.35	0.48	0.85	0.73	6.1	46	0.077	0.55	208	4.0
275	135	0.33	0.46	0.80	0.71	5.9	44	0.076	0.56	337	6.5
300	149	0.31	0.44	0.75	0.70	5.8	44	0.075	0.57	468	9.1
325	163	0.29	0.43	0.70	0.68	5.7	42	0.075	0.59	595	12.0
350	177	0.28	0.42	0.68	0.67	5.6	42	0.074	0.60	719	14.0
375	191	0.27	0.41	0.65	0.66	5.5	41	0.074	0.61	841	16.0
400	204	0.25	0.39	0.61	0.64	5.3	40	0.073	0.62	959	18.0
425	218	0.24	0.38	0.58	0.63	5.3	39	0.072	0.63	1074	21.0

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

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