

Paratherm MR® Heat Transfer Fluid

Physical Properties

°F	°C	Viscosity		Density			Thermal Conductivity BTU/hr-ft ² -°F	Specific Heat BTU/lb-°F	Vapor Pressure	
		cPs	cSt	g/cc	lb/gal	lb/ft ³			mm HG	psia
-40	-40	376	443	0.85	7.1	53.1	0.077	0.54		
-25	-32	150	177	0.85	7.1	53.1	0.077	0.54		
0	-18	60	72	0.83	6.9	51.8	0.077	0.55		
25	-4	28	34	0.82	6.8	51.2	0.077	0.56		
50	10	14	17	0.81	6.8	50.6	0.077	0.56		
75	24	8	10	0.80	6.7	50.0	0.077	0.57		
100	38	5.3	6.8	0.79	6.6	49.3	0.077	0.58		
125	52	3.9	5.1	0.77	6.4	48.1	0.077	0.58		
150	66	2.8	3.7	0.76	6.3	47.5	0.076	0.59		
175	79	2.1	2.8	0.75	6.3	46.8	0.076	0.60		
200	93	1.7	2.3	0.74	6.2	46.2	0.076	0.60		
225	107	1.4	1.8	0.73	6.1	45.6	0.075	0.61		
250	121	1.1	1.5	0.72	6.0	45.0	0.075	0.62		
275	135	0.93	1.3	0.71	5.9	44.3	0.074	0.62		
300	149	0.79	1.1	0.70	5.8	43.7	0.073	0.63		
325	163	0.68	0.97	0.70	5.8	43.7	0.073	0.64		
350	177	0.60	0.87	0.69	5.8	43.1	0.072	0.64		
375	191	0.52	0.75	0.69	5.8	43.1	0.071	0.65		
400	204	0.46	0.68	0.68	5.7	42.5	0.070	0.65	28	0.5
425	218	0.41	0.60	0.68	5.7	42.5	0.069	0.66	44	0.9
450	232	0.39	0.58	0.67	5.6	41.8	0.068	0.67	67	1.3
475	246	0.37	0.55	0.67	5.6	41.8	0.067	0.67	100	1.9
500	260	0.35	0.52	0.67	5.6	41.8	0.066	0.68	146	2.8
525	274	0.33	0.50	0.66	5.5	41.2	0.064	0.69	210	4.1
550	288	0.32	0.47	0.66	5.5	41.2	0.063	0.69	295	5.7
575	302	0.30	0.45	0.66	5.5	41.2	0.062	0.70	409	7.9
600	316	0.29	0.45	0.65	5.4	40.6	0.060	0.71	560	10.8

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

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