

Temperature Ratings For Heaters Bonded to Aluminium

A flat element vulcanised on to a 1.5mm aluminium plate, ambient temperature 20°C (still air), measured in steady state condition, heating element in a horizontal position.

Specific Heat Output Watts/cm sq	Surface Temperature °C	Specific Heat Output Watts/cm sq	Surface Temperature °C
0.050	40	0.750	238
0.075	60	0.800	247
0.100	70	0.850	253
0.125	80	0.900	259
0.150	90	0.950	265
0.200	105	1.000	270
0.250	121	1.100	280
0.300	135	1.200	290
0.350	150	1.300	300
0.400	164	1.400	310
0.450	176	1.500	320
0.500	188	1.600	330
0.550	200	1.700	340
0.600	210	1.800	350
0.650	220	1.900	360
0.700	230	2.000	370

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