

DITEC	PROPRIETÀ TERMOFISICHE DELL'ARIA ( $p = 1 \text{ bar}$ )	TAB. 10
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t	$\rho$	$c_p$	$\beta \times 10^3$	$k \times 10^3$	$\mu \times 10^6$	$\nu \times 10^7$	$a \times 10^7$	Pr
°C	kg/m <sup>3</sup>	kJ/kg K	1/K	W/mK	kg/sm	m <sup>2</sup> /s	m <sup>2</sup> /s	
-200	5.106	1.186	17.24	6.886	4.997	9.786	11.37	0.8606
-180	3.851	1.071	11.83	8.775	6.623	17.20	21.27	0.8086
-160	3.126	1.036	9.293	10.64	7.994	25.58	32.86	0.7784
-140	2.639	1.010	7.726	12.47	9.294	35.22	46.77	0.7530
-120	2.287	1.014	6.657	14.26	10.55	46.14	61.50	0.7502
-100	2.019	1.011	5.852	16.02	11.77	58.29	78.51	0.7423
-80	1.807	1.009	5.227	17.74	12.94	71.59	97.30	0.7357
-60	1.636	1.007	4.725	19.41	14.07	85.98	117.8	0.7301
-40	1.495	1.007	4.313	21.04	15.16	101.4	139.7	0.7258
-30	1.433	1.007	4.133	21.84	15.70	109.5	151.3	0.7236
-20	1.377	1.007	3.968	22.63	16.22	117.8	163.3	0.7215
-10	1.324	1.006	3.815	23.41	16.74	126.4	175.7	0.7196
0	1.275	1.006	3.674	24.18	17.24	135.2	188.3	0.7179
10	1.230	1.007	3.543	24.94	17.74	144.2	201.4	0.7163
20	1.188	1.007	3.421	25.69	18.24	153.5	214.7	0.7148
30	1.149	1.007	3.307	26.43	18.72	163.0	228.4	0.7134
40	1.112	1.007	3.200	27.16	19.20	172.6	242.4	0.7122
60	1.045	1.009	3.007	28.60	20.14	192.7	271.3	0.7100
80	0.9859	1.010	2.836	30.01	21.05	213.5	301.4	0.7083
100	0.9329	1.012	2.683	31.39	21.94	235.1	332.6	0.7070
120	0.8854	1.014	2.546	32.75	22.80	257.5	364.8	0.7060
140	0.8425	1.016	2.422	34.08	23.65	280.7	398.0	0.7054
160	0.8036	1.019	2.310	35.39	24.48	304.6	432.1	0.7050
180	0.7681	1.022	2.208	36.68	25.29	329.3	467.1	0.7049
200	0.7356	1.026	2.115	37.95	26.09	354.7	503.0	0.7051
250	0.6653	1.035	1.912	41.06	28.02	421.1	596.2	0.7063
300	0.6072	1.046	1.745	44.09	29.86	491.8	694.3	0.7083
350	0.5585	1.057	1.605	47.05	31.64	566.5	796.8	0.7109
400	0.5170	1.069	1.486	49.96	33.35	645.1	903.8	0.7137
450	0.4813	1.081	1.383	52.82	35.01	727.4	1015	0.7166
500	0.4502	1.093	1.293	55.64	36.62	803.5	1131	0.7194
550	0.4228	1.105	1.215	58.41	38.19	903.1	1251	0.7221
600	0.3986	1.116	1.145	61.14	39.71	996.3	1375	0.7247
650	0.3770	1.126	1.083	63.83	41.20	1093	1503	0.7271
700	0.3576	1.137	1.027	66.46	42.66	1193	1635	0.7295
750	0.3402	1.146	0.9772	69.03	44.08	1296	1771	0.7318
800	0.3243	1.155	0.9317	71.54	45.48	1402	1910	0.7342
850	0.3099	1.163	0.8902	73.98	46.85	1512	2052	0.7368
900	0.2967	1.171	0.8523	76.33	48.19	1624	2197	0.7395
1000	0.2734	1.185	0.7853	80.77	50.82	1859	2492	0.7458