

# TABLA CONVERSIÓN TEMPERATURAS

Maximum Service Temperatures of Materials		
Alloy	Max Temp °F	Max Temp °C
Hastelloy® C276	2000	1093
Inconel®625	1800	982
AISI Stainless Steel Type:		
321	1500	815
316 ELC	1500	815
304L	1500	815
304	850	454
302	850	454
Mild Steel	850	454
Malleable Iron	800	427
Monel®	800	427
Bronze	450	232
Brass	450	232
Copper	400	204
Brazing (RCuZn-c or BCuP-2) Bronze Hose	450	232
Silver Brazing (AWS-Bag-2)	600	315
Aluminum 52S-O (5052-0)	600	315
Galvanizing	450	232
Soft Solder		
(Pb: 60, Sn:40)	250	121
(PB: 95, Sn: 5)	350	177
Silicone Coated Fiberglass	600	315
Aluminized Fiberglass	1000	538

Temperature Derating						
Temperature		Material				
°F	°C	Stainless Steel	Steel	Monel	Bronze	Inconel
70	20	1.00	1.00	1.00	1.00	1.00
150	66	0.97	0.99	0.93	0.92	0.97
200	93	0.94	0.97	0.90	0.89	0.94
250	121	0.92	0.96	0.87	0.86	0.92
300	150	0.88	0.93	0.83	0.83	0.88
350	177	0.86	0.91	0.82	0.81	0.86
400	200	0.83	0.87	0.79	0.78	0.83
450	232	0.81	0.86	0.77	0.75	0.81
500	260	0.78	0.81	0.73	—	0.78
600	316	0.74	0.74	0.72	—	0.74
700	371	0.70	0.66	0.71	—	0.70
800	427	0.66	0.52	0.70	—	0.66
900	482	0.62	0.50	—	—	0.62
1000	538	0.60	—	—	—	0.60
1100	593	0.58	—	—	—	0.58
1200	649	0.55	—	—	—	0.55
1300	704	0.50	—	—	—	0.50
1400	760	0.44	—	—	—	0.44
1500	815	0.40	—	—	—	0.40
1800	0.40	0.40	—	—	—	0.40