
Tech Talk

ANSI CLASS 600				
TEMP (°F)	CARBON STEEL	TYPE 304	TYPE 316	TYPE 304L, TYPE 316L
-20-100	1480	1440	1440	1200
200	1350	1200	1240	1015
300	1315	1055	1120	910
400	1270	940	1030	825
500	1200	875	955	765
600	1095	830	905	720
650	1075	815	890	700
700	1065	805	865	685
750	1010	795	845	670
800	825	790	830	660
850	-	780	810	645
900	-	770	790	-
950	-	750	775	-
1000	-	645	725	-
1050	-	620	720	-
1100	-	515	645	-
1150	-	390	550	-
1200	-	310	410	-
1250	-	220	365	-
1300	-	165	275	-
1350	-	125	205	-
1400	-	90	150	-
1450	-	70	115	-
1500	-	50	85	-

ANSI CLASS 900				
TEMP (°F)	CARBON STEEL	TYPE 304	TYPE 316	TYPE 304L, TYPE 316L
-20-100	2220	2160	2160	1800
200	2025	1800	1860	1520
300	1970	1585	1680	1360
400	1900	1410	1540	1240
500	1795	1310	1435	1145
600	1640	1245	1355	1080
650	1610	1225	1330	1050
700	1510	1210	1295	1030
750	1235	1195	1270	1010
800	-	1180	1245	985
850	-	1165	1215	965
900	-	1150	1180	-
950	-	1125	1160	-
1000	-	965	1090	-
1050	-	925	1080	-
1100	-	770	965	-
1150	-	585	825	-
1200	-	465	620	-
1250	-	330	545	-
1300	-	245	410	-
1350	-	185	310	-
1400	-	145	225	-
1450	-	105	175	-
1500	-	70	125	-

Tech Talk

ANSI CLASS 1500

TEMP (°F)	CARBON STEEL	TYPE 304	TYPE 316	TYPE 304L, TYPE 316L
-20-100	3705	3600	3600	3000
200	3375	3000	3095	2530
300	3280	2640	2795	2270
400	3170	2350	2570	2065
500	2995	2185	2390	1910
600	2735	2075	2255	1800
650	2685	2040	2220	1750
700	2665	2015	2160	1715
750	2520	1990	2110	1680
800	2060	1970	2075	1645
850	-	1945	2030	1610
900	-	1920	1970	-
950	-	1870	1930	-
1000	-	1610	1820	-
1050	-	1545	1800	-
1100	-	1285	1610	-
1150	-	980	1370	-
1200	-	770	1030	-
1250	-	550	910	-
1300	-	410	685	-
1350	-	310	515	-
1400	-	240	380	-
1450	-	170	290	-
1500	-	120	205	-

ANSI CLASS 2500

TEMP (°F)	CARBON STEEL	TYPE 304	TYPE 316	TYPE 304L, TYPE 316L
-20-100	6170	6000	6000	5080
200	5625	5000	5160	4220
300	5470	4400	4660	3780
400	5280	3920	4280	3440
500	4990	3640	3890	3180
600	4440	3460	3760	3000
650	4200	3400	3700	2920
700	3430	3360	3600	2860
750	-	3320	3520	2800
800	-	3280	3460	2740
850	-	3240	3380	2680
900	-	3200	3280	-
950	-	3120	3220	-
1000	-	2885	3030	-
1050	-	2570	3000	-
1100	-	2145	2685	-
1150	-	1630	2285	-
1200	-	1285	1715	-
1250	-	915	1515	-
1300	-	685	1145	-
1350	-	515	860	-
1400	-	400	630	-
1450	-	285	485	-
1500	-	200	345	-

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