

Alloy	Notes	Concentration, %	Temperature		Time	Corrosion Rate		Ref
			C	F		mm/yr	mils/yr	
316	—	3	21	70	—	1.25	49.1	1
316	—	5	21	70	—	2.33	91.8	1
316	—	5	40	104	—	7.8	306	1
316	—	1	50	122	—	1.82	71.8	1
316	—	2	50	122	—	5.3	209	1
316	—	5	50	122	—	15.9	626	1
904L	—	3	21	70	—	0.125	4.9	1
904L	—	5	21	70	—	0.18	7.2	1
904L	—	5	40	104	—	0.73	28.8	1
904L	—	1	50	122	—	0.23	9.2	1
904L	—	2	50	122	—	0.71	28	1
904L	—	3	50	122	—	0.85	33.5	1
904L	—	4	50	122	—	1.36	53/5	1
904L	—	5	50	122	—	1.82	71.6	1
904L	—	1	70	158	—	0.99	39	1
904L	—	2	70	158	—	2.0	80.2	1
904L	—	3	70	158	—	3.31	130	1
AL-6XN	—	3	21	70	—	0.08	3.2	1
AL-6XN	—	5	21	70	—	0.20	8.0	1
AL-6XN	—	5	40	104	—	0.82	32.4	1
AL-6XN	—	1	50	122	—	0.10	4.1	1
AL-6XN	—	2	50	122	—	0.43	16.9	1
AL-6XN	—	3	50	122	—	0.98	38.4	1
AL-6XN	—	4	50	122	—	1.42	55.9	1
AL-6XN	—	5	50	122	—	2.0	78.7	1
AL-6XN	—	1	70	158	—	0.54	21.1	1
AL-6XN	—	2	70	158	—	1.98	78	1
AL-6XN	—	3	70	158	—	3.05	120	1
C-276	—	2	70	158	—	0.23	9	7
C-276	—	5	70	158	—	0.25	10	7
C-22	—	2	70	158	—	0.23	9	7
C-22	—	5	70	158	—	0.36	14	7
625	—	2	70	158	—	0.51	20	7
625	—	5	70	158	—	0.41	16	7
400	saturated with air	25	30	86	24hr	1	37	17
400	saturated with air	25	80	176	24hr	0.28	11	17
400	saturated with air	50	30	86	24hr	0.2	8	17
400	saturated with air	50	80	175	24hr	1	39	17
400	purged with nitrogen	25	30	86	48hr	0.005	0.2	17

Alloy	Notes	Concentration, %	Temperature		Time	Corrosion Rate		Ref
			C	F		mm/yr	mils/yr	
400	purged with nitrogen	25	80	176	48hr	0.061	2.4	17
400	purged with nitrogen	50	30	86	48hr	<0.003	<0.1	17
400	purged with nitrogen	50	80	176	48hr	0.01	0.5	17