

Stainless Steel Material Grade

Stainless Steel Grades – Chemical Composition

Alloy #	CR	Ni	C	Mn.Max.	Si-Max.	P.Max.	S.Max.	Other Elements
304	18.0/20.0	8.0/11.0	0.08 Max.	2.0	1.0	0.040	0.030	.....
304L	18.0/20.0	8.0/11.0	0.03 Max.	2.0	1.0	0.040	0.030	.....
305	17.0/19.0	10.0/13.0	0.12 Max.	2.0	1.0	0.040	0.030	.....
308	19.0/21.0	10.0/12.0	0.08 Max.	2.0	1.0	0.040	0.030	.....
309	22.0/24.0	12.0/15.0	0.20 Max.	2.0	1.0	0.040	0.030	.....
310	24.0/26.0	19.0/22.0	0.25 Max.	2.0	1.0	0.040	0.030	.....
314	23.0/26.0	19.0/22.0	0.25 Max.	2.0	1.0	0.040	0.030	.....
316	16.0/18.0	10.0/14.0	0.08 Max.	2.0	1.0	0.040	0.030	Mo. 2.00/3.00
316L	16.0/18.0	10.0/14.0	0.03 Max.	2.0	1.0	0.040	0.030	Mo. 2.00/3.00
317	18.0/20.0	11.0/15.0	0.08 Max.	2.0	1.0	0.040	0.030	Mo. 3.00/4.00
321	17.0/19.0	9.0/12.0	0.08 Max.	2.0	1.0	0.040	0.030	Ti 5xC Min.
330	14.0/16.0	35.0/37.0	0.25 Max.	....	....	....	....	.....
347	17.0/19.0	9.0/13.0	0.08 Max.	2.0	1.0	0.040	0.030	Cb+Ta 10xC Min.
410	11.5/13.5	....	0.15	1.0	1.0	0.040	0.030	.....
430	14.0/18.0	....	0.12 Max.	1.0	1.0	0.040	0.030	.....
904L								

For more detailed information regarding stainless steel follow this link: <https://www.marcospecialtysteel.com/resources-library/material-grades/stainless-steel/>

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