

**溶接ステンレス鋼鋼管**
**化学成分と機械的性質**
**溶接ステンレス鋼鋼管 規格：JIS G3472**

記号	化学成分 (%)											機械的性質		
	C	Si	Mn	S	Cr	Ni	Mo	Cu	Ti	Nb	N	引張強さ (N/mm <sup>2</sup> )	降伏点 (N/mm <sup>2</sup> )	伸び (%)
SUS304	≦0.08	≦1.00	≦2.00	≦0.030	18.00~ 20.00	8.00~ 10.50	---	---	---	---	---	≧520	≧205	≧40
SUS304L	≦0.03	≦1.00	≦2.00	≦0.030	18.00~ 20.00	9.00~ 13.00	---	---	---	---	---	≧480	≧175	≧40
SUS316	≦0.08	≦1.00	≦2.00	≦0.030	16.00~ 18.00	10.00~ 14.00	2.00~ 3.00	---	---	---	---	≧520	≧205	≧40
SUS316L	≦0.03	≦1.00	≦2.00	≦0.030	16.00~ 18.00	12.00~ 15.00	2.00~ 3.00	---	---	---	---	≧480	≧175	≧40
SUS321	≦0.08	≦1.00	≦2.00	≦0.030	17.00~ 19.00	9.00~ 13.00	---	---	≧5xC%	---	---	≧520	≧205	≧40
SUS310S	≦0.08	≦1.50	≦2.00	≦0.030	24.00~ 26.00	19.00~ 22.00	---	---	---	---	---	≧520	≧205	≧40
NAR-315SN(*)	≦0.05	1.90~ 2.50	1.00~ 1.50	≦0.030	17.50~ 18.50	9.00~ 10.00	0.70~ 1.00	1.20~ 1.80	---	0.04~ 0.08	≦0.12	≧520	≧205	≧40
SUSXM15J1	≦0.06	3.00~ 4.50	≦1.00	≦0.030	17.00~ 20.00	11.50~ 15.00	---	---	---	---	---	≧520	≧205	≧40
NAR-306B(*)	≦0.03	3.50~ 5.00	≦2.00	≦0.030	14.00~ 17.00	13.00~ 16.00	0.50~ 1.50	---	---	---	---	≧540	≧205	≧35
SUS410S	≦0.03	≦0.60	≦1.00	≦0.030	11.50~ 12.75	---	---	---	---	---	---	≧360	≧195	≧22
SUH409L	≦0.03	≦1.00	≦1.00	≦0.030	10.50~ 12.00	---	---	---	6xC% ~0.75	---	---	≧360	≧175	≧25
NAR-409M1(*)	≦0.03	≦1.00	≦1.00	≦0.030	11.00~ 13.50	---	---	---	Ti+Nb25x(C%+N%) ~0.80	---	≦0.025	≧360	≧175	≧25
NAR-FH-Z(*)	≦0.02	1.00~ 1.40	0.30~ 0.80	≦0.010	12.50~ 14.50	---	---	---	---	0.40~ 0.80	≦0.020	≧390	≧205	≧22
SUS430J1L	≦0.03	≦0.75	≦1.00	≦0.030	16.00~ 19.00	---	---	0.30~ 0.80	---	8x (C%+N%) ~0.80	---	≧390	≧205	≧22
SUS436J1L	≦0.015	0.10~ 0.40	0.20~ 0.40	≦0.005	16.80~ 17.80	---	0.50~ 1.00	≦0.30	---	0.40~ 0.80	≦0.015	≧410	≧245	≧20
SUS436L	≦0.025	≦0.60	≦0.50	≦0.005	17.00~ 19.00	---	0.75~ 1.50	---	8x (C%+N%) ~0.80	---	≦0.020	≧410	≧245	≧20
NAR-444M1(*)	≦0.020	≦0.60	≦0.60	≦0.005	19.00~ 21.00	---	1.70~ 2.30	0.30~ 0.80	---	0.30~ 0.80	≦0.015	≧410	≧245	≧20

(\*) は住友材質記号です。