

Chemical composition comparison table of commonly used stainless steel pipes (3)

serial number	grade	Standard	chemical composition																					
			C (Max)	Si (Max)	Mn (Max)	P (Max)	S (Max)	Ni	Cr	Mo	Ti (Max)	Nb	N (Max)	Cu										
12	1Cr19Ni11Nb	GB 13296	0.04-0.10	0.75	2.00	0.030	0.030	9.0-13.0	17.0-20.0			4C-0.60												
		GB 9948		1.00								8C-1.0			0.20									
	07Cr18Ni11Nb	GB 5310		0.75								0.015			17.0-19.0	8C-1.1	0.25							
	TP347H	ASTM A312		0.04-0.10								1.00			2.00	0.045	0.030	9.0-13.0	17.0-19.0			8C-1.0		
		ASTM A213																				8C-1.1		
	SUS347HTP	JIS G3459		0.04-0.10								1.00			2.00	0.030	0.030	9.0-13.0	17.0-20.0			8C-1.0		
		JIS G3463																						
1.4912 X7CrNiNb18-10	EN 10216	0.04-0.10	1.00	2.00	0.040	0.015	9.0-12.0	17.0-19.0			10C-1.2	0.11												
13	0Cr25Ni20	GB/T14976	0.08	1.00	2.00	0.035	0.030	19.0-22.0	24.0-26.0															
		GB 13296																						
	TP310S	ASTM A312	0.08	1.00	2.00	0.045	0.030	19.0-22.0	24.0-26.0	0.75														
		ASTM A213																						
	SUS310STP	JIS G3459	0.08	1.50	2.00	0.045	0.030	19.0-22.0	24.0-26.0															
JIS G3463		0.040																						
1.4845 X8CrNi25-21	EN 10297	0.10	1.50	2.00	0.045	0.015	19.0-22.0	24.0-26.0				0.11												
14	00Cr19Ni13Mo3	GB/T14976	0.030	1.00	2.00	0.035	0.030	11.0-15.0	18.0-20.0	3.0-4.0														
		GB 13296																						
	TP317L	ASTM A312	0.035	1.00	2.00	0.045	0.030	11.0-15.0	18.0-20.0	3.0-4.0														
		ASTM A213																						
	SUS317LTB	JIS G3459	0.030	1.00	2.00	0.045	0.030	11.0-15.0	18.0-20.0	3.0-4.0														
JIS G3463		0.040																						
15	022Cr22Ni5Mo3N	GB/T21833	0.030	1.00	2.00	0.030	0.020	4.5-6.5	22.0-23.0	3.0-3.5			0.14-0.20											
	S31803	ASTM A789 A790	0.030	1.00	2.00	0.030	0.020	4.5-6.5	21.0-23.0	2.5-3.5			0.08-0.20											
	S32205		0.030	1.00	2.00		0.020	4.5-6.5	22.0-23.0	3.0-3.5			0.14-0.20											
	SUS329J3LTP	JIS G3459	0.030	1.00	2.00	0.040	0.030	4.5-6.5	21.0-24.0	2.5-3.5				0.08-0.20										
		JIS G3463																						
1.4462 X2CrNiMoN22-5-3	EN 10297	0.030	1.00	2.00	0.035	0.015	4.5-6.5	21.0-23.0	2.5-3.5				0.10-0.22											
	EN 10216																							