

NF A49-218-79 STEEL PIPES SEAMLESS PIPES FOR RURNACES AUSTENITIC STAINLESS STEELS

1. Chemical Composition

Grade	Mfg. Process	Chemical Composition (%)								
		C	Si	Mn	P	S	Ni	Cr	Mo	Others
TUZ6CN18-09	S	0.08Max	1.0Max	2.0Max	0.04Max	0.03Max	8~11	18~20	-	-
TUZ2CN18-10	S	0.03Max	1.0Max	2.0Max	0.04Max	0.03Max	9~12	18~20	-	-
TUZ6CNT18-10	S	0.08Max	1.0Max	2.0Max	0.04Max	0.03Max	10~13	17~19	-	Ti 4CMin 0.6Max
TUZ6CNCNb18-10	S	0.08Max	1.0Max	2.0Max	0.04Max	0.03Max	10~13	17~19	-	Nb+Ta 8CMin 1.0Max
TUZ6CND17-11	S	0.08Max	1.0Max	2.0Max	0.04Max	0.03Max	11~13	16~18	2.0~3.0	-
TUZ2CND17-12	S	0.03Max	1.0Max	2.0Max	0.04Max	0.03Max	12~14	16~18	2.0~3.0	-

2. Mechanical Properties

Grade	Tensile Test MPa or N/mm ²		Remarks (Similar to JIS)
	Min Yield point	Tensile Strength	
TUZ6CN18-09	190	490~690	(SUS304TF)
TUZ2CN18-10	190	460~660	-
TUZ6CNT18-10	190	490~690	(SUS321TF)
TUZ6CNCNb18-10	190	490~690	(SUS347TF)
TUZ6CND17-11	190	490~690	(SUS316TF)
TUZ2CND17-12	190	460~660	-

JIS Number and Corresponding Foreign Standards

JIS			ASTM			NF			ISO			Index Number
Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	
G3467	STF								2604/2	TS9H	C	C013
	(STF42)	C										
	STFA12	Mo	A161	T1	Mo							
	STFA22	CrMo										
	STFA23	CrMo	A200	T11	CrMo							
	STFA24	CrMo	A200	T22	CrMo							

