

NF A49-175-80 STEEL TUBES PLAIN END LONGITUDINALLY WELDED TUBES FOR PIPE LINES AND GENERAL USE AUSTENITIC STAINLESS STEEL

1. Chemical Composition

Grade	Mfg. Process	Chemical Composition (%)								
		C	Si	Mn	P	S	Ni	Cr	Mo	Others
TSZ2CN18-10	E ,A	0.030Max	1.00Max	2.00Max	0.040Max	0.030Max	9~12	17~20	-	-
TSZ6CN18-09	E ,A	0.080Max	1.00Max	2.00Max	0.040Max	0.030Max	8~11	17~20	-	-
TSZ3CNT18-10	E ,A	0.080Max	1.00Max	2.00Max	0.040Max	0.030Max	9~12	17~20	-	Ti 5×CMax 0.6Max
TSZ2CND17-12	E ,A	0.030Max	1.00Max	2.00Max	0.040Max	0.030Max	10.5~13	16~18	2.00~2.40	-
TSZ6CND17-11	E ,A	0.070Max	1.00Max	2.00Max	0.040Max	0.030Max	10~12.5	16~18	2.00~2.40	-
TSZ6CNDT17-12	E ,A	0.080Max	1.00Max	2.00Max	0.040Max	0.030Max	10.5~13	16~18	2.00~2.40	Ti 5×CMax 0.6Max

2. Mechanical Properties

Grade	Tensile Test MPa or N/mm ²		Remarks (Similar to JIS)
	Min Yield point	Tensile Strength	
TSZ2CN18-10	175	460~660	(SUS304LTP)
TSZ6CN18-09	200	510~710	(SUS304TP)
TSZ3CNT18-10	210	520~720	(SUS321TP)
TSZ2CND17-12	200	490~690	-
TSZ6CND17-11	210	510~710	(SUS316TP)
TSZ6CNDT17-12	220	540~740	-