

NF A49-148-80 STEEL TUBES PLAIN END LONGITUDINALLY WELDED TUBES FOR PIPE LINES AND GENERAL USE FERRITIC STAINLESS STEELS

1. Chemical Composition

Grade	Mfg. Process	Chemical Composition (%)								
		C	Si	Mn	P	S	Ni	Cr	Mo	Others
TSZ5CT14	E, A	0.045Max	0.60Max	0.40Max	0.030Max	0.020Max	-	13~15.00	-	Ti 10×CMin
TSZ6CT17	E, A	0.080Max	1.00Max	1.00Max	0.040Max	0.030Max	-	11~13.00	-	Ti 6×CMin
TSZ6CT17	E, A	0.50Max	0.50Max	0.50Max	0.030Max	0.020Max	-	16~18.0	-	Ti 10×CMin
TSZ18C17	E, A	0.10Max	1.00Max	1.00Max	0.040Max	0.030Max	-	16~18.0	-	-

2. Mechanical Properties

Grade	Tensile Test MPa or N/mm ²	
	Min Yield point	Tensile Strength
TSZ5CT14	230	400~600
TSZ6CT17	250	420~620
TSZ6CT17	320	510~720
TSZ18C17	250	500~700