

Description

410 is a martensitic stainless steel that is magnetic, resists corrosion in mild environments, and has fairly good ductility. 410 pipe is used where abrasion and wear resistance is needed, combined with fair resistance to general corrosion and oxidation.

Product Capabilities

Form Name	Size Range	Schedules	Specifications
Welded Pipe	1/2"-36"	10S, 40S, 80S	ASTM A268 / ASME SA268
Seamless Pipe	1/2"-36"	40S, 80S, 120, 160, XXH	ASTM A268 / ASME SA268
Buttweld Fittings	1/2"-36"	40S, 80S, 160	ASTM A403 / ASME SA403
Flanges	1/2"-36"	150#, 300#, 600#	ASTM A182 / ASME SA182 F6A
Pressure Fittings	1/2"-2"	300#/6000#/9000# THRD/SW	ASTM A182 / ASME SA182 F6A

Limiting Chemical Composition %

C	Cr	Mn	Ni	P	S	Si
MAX 0.15	11.5-13.5	MAX 1.0	0.50	MAX 0.04	MAX 0.03	MAX 1.00

Typical Industrial Applications

- Pipeline transportation of fluids mixed with solids like coal, sand or gravel

Tensile Requirements

Tensile Strength ksi (min.)	Yield Strength ksi (min.)
70	30