



### **ASTM A513 GR.4130 ERW Pipe**

ASTM A513 GR.4130 ERW Pipe has high strength and toughness, high harden ability, and strong steel heat. The temperature is lower than 500 °C, but the strength is lower at 550°C. The Welding is very good, but the welding is medium when close to the upper limit. A513 GR.4130 ERW Pipe machine ability is good, and cold deformation of the plastic is medium; Besides, ASTM A513 GR.4130 ERW Pipe has the first temper brittleness when the heat treatment is in the range of 300 ~ 350.

#### **ASTM A513 GR.4130 ERW Pipe Chemical Composition:**

Grade	C %	Mn %	P %	S %	Si	Ni	Cr	Mo
ASTM A513 GR.4130	0.28-0.33	0.40-0.60	0.035	0.040	0.15-0.35	-	0.80-1.10	0.15-0.25

#### **ASTM A513 GR.4130 ERW Pipe Mechanical Property:**

Grade	Yield Strength min, ksi, (Mpa)	Ultimate Strength min, ksi ,(Mpa)	Elongation (%) min
ASTM A513 GR.4130	55 (379)	72 (496)	10

#### **Application of ASTM A513 GR.4130 ERW Pipe:**

ASTM A513 GR.4130 ERW Pipe is usually used in the quenched and tempered condition, A513 GR.4130 ERW Pipe can also be used as the required strength of the heart of carburizing steel when the carbon content has the lower limit. It is mainly used in the manufacture of large cross-section, high stress conditions in the work of quenched and tempered parts, such as shaft, spindle and by the high load of the wheel, bolts, studs, gears, etc in the medium-sized machinery manufacturing industry. While in the chemical industry, ASTM A513 GR.4130 ERW Pipe is used to manufacture



## **SHANGHAI KATALOR ENTERPRISES CO., LTD.**

**Tel:0086-21-61182423    Website:www.katalor.com**

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welding parts, plates and tubes and a high-pressure conduit for operating in a nitrogen-hydrogen medium at a temperature not to exceed 250 °C.

Shanghai Katalor Enterprises Co, Ltd is a big complex combined steel stockiest whose business related with trade, processing, storage and transportation. We are specialized in supplying ASTM A513 GR.4130 ERW Pipe. We have the good quality and advanced equipment. Our products can meet the state standard and customers' requirement. Besides, we also can provide ASTM A513 GR.4130 ERW pipe under the diameter of 273mm. If you have any need of A513 GR.4130 ERW Pipe, please do not hesitate to contact us by email [info@katalor.com](mailto:info@katalor.com) we will do our best to help you.