



### **ASTM A513 GR.4140 ERW Pipe**

ASTM A513 GR.4140 ERW Pipe has high Strength, high harden ability, good toughness, high temperature creep strength and long-term strength. A513 GR.4140 ERW Pipe is mainly used in the manufacture of larger forgings that has higher strength and quenched and cross-section than 35CrMo steel, such as locomotive traction with large gears, supercharger transmission gears, rear axle, the load of the connecting rod and spring clip. ASTM A513 GR.4140 ERW Pipe also can be used as the oil deep well pipe joints and fishing tools that under 2000m.

#### **ASTM A513 GR.4140 ERW Pipe Chemical Composition:**

Grade	C %	Mn %	P %	S %	Si	Ni	Cr	Mo
ASTM A513 GR.4140	0.38-0.43	0.75-1.00	0.035	0.040	0.15-0.35	-	0.80-1.10	0.15-0.25

#### **ASTM A513 GR.4140 ERW Pipe Mechanical Property:**

Grade	Yield Strength min, ksi, (Mpa)	Ultimate Strength min, ksi, (Mpa)	Elongation (%) min
ASTM A513 GR.4140	70 (485)	90 (621)	10

#### **A513 GR.4140 ERW Pipe Heat treatment specifications and microstructure:**

Heat treatment specifications: quenching 850 °C, oil cooling; tempering 560 °C, water cooling, oil cooling.

Microstructure: tempered sorbite.

**A513 GR.4140 ERW Pipe Delivery status:** Heat treatment (normalizing, annealing or high temperature tempering) or non-heat treatment delivery, and delivery State



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should be specified in the contract.

Katalor is a professional A513 GR.4140 ERW Pipe supplier in China. If you need GR.4140 ERW Pipe, we can put ASTM A513 GR.4140 ERW Pipe order to our steel mill directly or delivery these goods from our stock directly if we have enough ex-stock. Besides, we also can provide ASTM A513 GR.4140 ERW pipe under the diameter of 273mm. If you need any offer or if you want to know the price and any other information about A513 GR.4140 ERW Pipe price, please be free to contact us.