Ferritic Piping Solutions

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FerroPipE

Seamless Tubings

API 5CT Grade N80-1

CARBON STEEL

Specification for casing pipes and tubes

Material Description

API 5CT Grade N80-1 Carbon Steel Seamless Tubings are carbon steel pipes, strictly manufactured as per API (AMERICAN PETROLEUM INSTITUTE) to meet the clients requirements.API 5CT Grade N80-1 carbon steel tubings are provided with multiple end connections like non-Upset ends and External Upset Ends.API 5CT casing and tubings are widely used in the Oil and gas industry.API 5CT Casings are avaialble in stock with thread connection types like short threads,long threads and buttress threads.Ferropipe is exclusively engaged in stocking and manufacturing API 5CT Grade N80-1 carbon steel Tubings with certifications confirming to EN 10204- 3.1/3.2 with third party inspection services approved by TUV,DNV,SGS,LLOYDS,EIL.API 5CT Grade N80-1 Carbon Steel Seamless Tubings are used in petroleum and gas industries.API 5CT casing and tubings are also known as OCTG pipes and tubes.API pipes and tubes manufactured as per ISO 11960 in both seamless and welded routes.

Chemical Properties

Carbon	Silicon	Manganese	Phosphorous	Sulphur	Molybdenum	Nickel	Chromium	Copper	Other Elements
-	-	-	0.03	0.03	-	-	-	-	-

Mechanical Properties

Yeild Stress (O.2% Offset)		Tensile Strength			Elongation
min MPa	min MPa	min MPa	max MPa	min ksi	A5 min
552	80	689	-	100	-

Production Programme

The diameter, tolerances and surface finish of component are the same as those stated for the full length tube.
Outer diameter: 6.25-1800mm Nominal Dia: 1/4"-72"
Schedule: 10 - XXS / Thk 1mm-150mm
Single random Lengths: 4-7 meters
Double random Lengths: 7-13 meters
Chamfering can be done at fixed lengths.
Pipes are externally varnished with black paint or Bare.
Hot deep Galvanised Pipes with threaded ends are provided.

Certifications

Pipes and Tubes manufactured as per API 5CT Grade N80-1 are certified with En 10204 Type 3.1/3.2. IBR,NACE,HIC,IGC,IMPACT are adhered as supplementary testing requirements.

Product Marking

Each Pipe/tube is marked with tube type, heat number, steel grade and size. Other markings, such as stamping, can be made on request.

Reference Documents

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Related Keywords

Carbon Steel Tubing, Ferritic Steel Tubing, Carbon Steel Seamless Tubing, Api 5Ct Grade N80-1 Seamless Tubing, N80-1 Tubing, Seamless Steel Tubing, Ferritic Carbon Steel Tubing, Api 5Ct Seamless Tubing, Seamless Tubing, Steel Tubing

Equivalent Designation

European Standard -	DIN Specification -
ASME Specification -	ASTM Specification -
British Standard -	Japanese Standard -

Pipes Make: ISMT, MSL, JSL, TATA, BHUSHAN, JINDAL, SUMITOMO, TENARIS, ARCELOR MITTAL

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