Ferritic Piping Solutions

sales@ferropipe.com

FerroPipE

Seamless Tubes

EN 10297-1 Grade C15E

CARBON STEEL

Seamless circular steel tubes for mechanical and general engineering purpose

Material Description

EN 10297-1 Grade C15E Carbon Steel Seamless Tubes are Low Carbon Steel Tubes with 0.12-0.18 % carbon content with combination of 0.30-0.60 % manganese.EN 10297-1 Grade C15E Carbon Steel Seamless Tubes are also known as Also known as mild steel pipes and tubes.EN 10297-1 Grade C15E Tubes are low-cost Tubes easy to form and shape.These pipes are manufactured as per EN Specification and commercially referred as cs pipes or ms pipes.Low Carbon Steel Pipes are not as hard as hig carbon steel pipes,Though carburizing can increase its surface hardness.

Chemical Properties

Carbon	Silicon	Manganese	Phosphorous	Sulphur	Molybdenum	Nickel	Chromium	Copper	Other Elements
0.12-0.18	max 0.40	0.30-0.60	0.035	0.035	-	-	-	-	-

Mechanical Properties

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

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 EN 10297-1 Grade C15E 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 Tube, Ferritic Steel Tube, Carbon Steel Seamless Tube, En 10297-1 Grade C15E Seamless Tube, C15E Tube, Seamless Steel Tube, Ferritic Carbon Steel Tube, En 10297-1 Seamless Tube, Seamless Tube, Steel Tube

Equivalent Designation

European Standard EN 10297-1 Grade C15E	DIN Specification DIN 17210 Grade Ck15
ASME Specification ASME SA 519 Grade 1016	ASTM Specification ASTM A519 Grade 1016
British Standard -	Japanese Standard -

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

#4/217, Deccan Bank Bldg,
R. R. Roy Road,
Mumbai – 400 004.
Maharashtra, INDIA

India's Largest Stockist & Dealers of Carbon Steel Pipes & Alloy Steel Pipes

sales@ferropipe.com
00-91-22-66157017
www.FerroPipe.com
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