

Ferritic Piping Solutions

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FerroPipe

Seamless Pipes and Tubes

BS 3601 Grade 360

CARBON
STEEL

Carbon steel pipes and tubes with specified room temperature properties for pressure purposes

Material Description

BS 3601 Grade 360 Carbon Steel Seamless Pipes and Tubes are Low Carbon Steel Pipes and Tubes with max 0.17 % carbon content with combination of 0.04 % manganese. BS 3601 Grade 360 Carbon Steel Seamless Pipes and Tubes are also known as mild steel pipes and tubes. BS 3601 Grade 360 Pipes and Tubes are low-cost Pipes and Tubes easy to form and shape. These pipes are manufactured as per BS Specification and commercially referred as CS pipes or MS pipes. Low Carbon Steel Pipes are not as hard as high carbon steel pipes, though carburizing can increase its surface hardness.

Chemical Properties

Carbon	Silicon	Manganese	Phosphorous	Sulphur	Molybdenum	Nickel	Chromium	Copper	Other Elements
max 0.17	0.40-0.80	0.04	0.04	-	-	-	-	-	Al max 0.06

Mechanical Properties

Yield Stress (0.2% Offset)		Tensile Strength			Elongation
min MPa	min MPa	min MPa	max MPa	min ksi	A5 min
235	-	360	500	-	25

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 BS 3601 Grade 360 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 Pipe And Tube, Ferritic Steel Pipe And Tube, Carbon Steel Seamless Pipe And Tube, BS 3601 Grade 360 Seamless Pipe And Tube, 360 Pipe And Tube, Seamless Steel Pipe And Tube, Ferritic Carbon Steel Pipe And Tube, BS 3601 Seamless Pipe And Tube, Seamless Pipe and Tube, Steel Pipe and Tube

Equivalent Designation

European Standard	DIN Specification
-	-
ASME Specification	ASTM Specification
-	-
British Standard BS 3601 Grade 360	Japanese Standard
	-

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

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