

Ferritic Piping Solutions

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FerroPipe

Seamless Pipes

EN 10253-1 Grade S235

CARBON
STEEL

Seamless steel tubes for manufacturing butt welding fittings

Material Description

EN 10253-1 Grade S235 Carbon Steel Seamless Pipes are Low Carbon Steel Pipes with max 0.16 % carbon content with combination of max 1.20 % manganese. EN 10253-1 Grade S235 Carbon Steel Seamless Pipes are also known as Also known as mild steel pipes and tubes. EN 10253-1 Grade S235 Pipes are low-cost Pipes 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 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 0.16	max 0.35	max 1.20	0.03	0.025	-	-	-	-	-

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	-	26

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 10253-1 Grade S235 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

Alloy Steel Pipe, Chrome Moly Pipe, Alloy Steel Seamless Pipe, EN 10253-1 Grade S235 Seamless Pipe, S235 Pipe, Seamless Steel Pipe, Ferritic Alloy Steel Pipe, EN 10253-1 Seamless Pipe, Seamless Pipe, Steel Pipe

Equivalent Designation

European Standard EN 10253-1 Grade S235	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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India's Largest Stockist & Dealers of Carbon Steel Pipes & Alloy Steel Pipes

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