



## Material - AS 1004

### Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group - Ferrous Mild Steel Alloys

Sub Group - AS 1004 Seamless Steel Tubes for Pressure Purposes

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Steel and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.060 max.	Normalising Forming	
Silicon	Si %	0.100 - 0.350		
Manganese	Mn %	0.250 - 0.500		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	0.300 max.		
Molybdenum	Mo %	0.100 max.		
Nickel	Ni %	0.350 max.		
Copper	Cu %	0.350 max.		
Iron	Fe %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.0348	EN	European Union	Steel and Tube
P195GH	EN	European Union	Steel and Tube
UHI/ P195GH	DIN	Germany	Steel and Tube
1.0348	DIN	Germany	Steel and Tube
1.0348	DIN	Germany	Steel and Tube
10848	GOST	Russia	Sheet and Strip
2C10	UNI	Italy	Plate, Sheet, Strip, Coil and Flats

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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