

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		
Carbon	C %	0.060 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing Forming

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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

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