



ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate on sale

ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate is one of our most popular products. ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate is a low alloy pressure vessel quality steel for high temperatures. We have a wide range of plate sizes available and thicknesses range from 3 - 150mm.

The application of ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate: ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate be used for weldable carbon steel pressure vessels at elevated temperatures. Added molybdenum gives the material greater temperature tensile strength and the chromium provides improved corrosion resistance.

ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate Chemical Composition:

Grade	The Element Max (%)						
	C	Si	Mn	P	S	Cr	Mo
A387 Gr.5 Cl.1	0.15	0.55	0.25-0.66	0.035	0.035	3.90-6.10	0.40-0.70

Carbon Equivalent:  $Ceq = \left[ \frac{C+Mn}{6} + \frac{(Cr+Mo+V)}{5} + \frac{(Ni+Cu)}{15} \right] \%$

ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate Mechanical Property:

Grade	Thickness	Yield	Tensile	Elongation
A387 Gr.5 Cl.1	mm	Min Mpa	Mpa	Min %
	$t \leq 50$	205	415-585	18
	$50 < t \leq 200$	-	-	-

The rolling size of ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate:

Thickness	3-150mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness  $\leq 25$ mm

ASTM A387 Gr 5 CL 1 is a chromium molybdenum alloy steel plate intended primarily for welded boiler and pressure vessels designed of elevated temperature service. any other question of ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate is welcomed by katalor team. Please contact us timely if you have any question of ASTM A387 Gr 5 Cl1 Pressure vessel and Boiler steel plate.

**Office Address:** Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



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specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

## **Contact US:**

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