



**JIS G 3116 SG325 steel plate/sheet for gas cylinders and gas vessels**

SG325 steel plate/sheet, JISG 3116 SG325 steel plate/sheet, under JIS G 3116 standard, we can regard SG325 steel plate/sheet for gas cylinders and gas vessels.

SG325 steel plate/sheet is one mainly of Steel for gas cylinders and gas vessels. JISG3116 SG325 steel is grade for gas cylinders in SG255, SG295, SG325 and SG365, which with the tensile strength of 490MPa and the yield strength of 325MPa.

Chemical composition unit%

Symbol	Chemical composition				
	C max	Si max	Mn max	P max	S max
SG325	0.20	0.55	1.50	0.040	0.040

Mechanical properties

Symbol	Yield point or proof stress N/mm2 (min)	Tensile strength N/mm2 min	Elongation % min	Tensile test piece	Bendability		
					Bending Angle	Inside radius	Test piece
SG325	325	490	22	NO.5 in rolling direction	180°	Thickness x 1.0 Thickness x 1.5	No.3 in rolling direction

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