

**BEBON**

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**Henan BEBON international co.,ltd****BS 5045 Type A steel plate/sheet for gas cylinders and gas vessels**

Type A steel plate/sheet, under BS 5045 standard, we can regard Type A steel plate/sheet for gas cylinders and gas vessels.

Type A steel plate/sheet is one mainly of Steel for gas cylinders and gas vessels. BS 5045 Type A steel is grade for gas cylinders in SG255, SG295, SG325 and SG365, which with the tensile strength of 400MPa and the yield strength of 255MPa.

Chemical composition unit%

Symbol	Chemical composition				
	C max	Si max	Mn max	P max	S max
Type A	0.20	-	0.30	0.040	0.040

Mechanical properties

Symbol	Yield point or proof stress N/mm <sup>2</sup> (min)	Tensile strength N/mm <sup>2</sup> min	Elongation % min	Tensile test piece	Bendability		
					Bending Angle	Inside radius	Test piece
Type A	255	400	26	NO.5 in rolling direction	180°	Thickness x 1.0 Thickness x 1.5	No.3 in rolling direction

**Bebon steel — The most professional exporter on shipbuilding steel**

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