

Seamless Carbon Steel Pipe for High-Temperature Service – ASTM A106

Application: steam, water, gas and air pipelines as well as general machinery and tools for industry and construction

Mechanical Properties			
Grade	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
A	≥205	≥330	20
B	≥240	≥415	20
C	≥275	≥485	20

Chemical Compositions (%)										
Grade	C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V
A	≤0.25	≤0.10	0.27-0.93	≤0.035	≤0.035	≤0.40	≤0.15	≤0.40	≤0.40	≤0.08
B	≤0.30	≤0.10	0.29-1.06	≤0.035	≤0.035	≤0.40	≤0.15	≤0.40	≤0.40	≤0.08
C	≤0.35	≤0.10	0.29-1.06	≤0.035	≤0.035	≤0.40	≤0.15	≤0.40	≤0.40	≤0.08

Size:

- Outer Dimensions.: 10.3mm ~ 114.3mm
- Wall Thickness: 0.8 mm ~ 12 mm
- Length: max 16 meters

Protection:

Pipes are supplied:

- Black and bear
- External varnished with black or clear lacquer
- Oiled

Upon request, pipes ends are protected by plastic caps

Marking:

Pipes are supplied with marking according to standard and customer request.

Marking is paint and/or die stenciled on the ends of pipes. The same data, as well as additional information per customer's request, is indicated on the bundle's tags.

Delivery:

Pipes are supplied in round bundles tied in at least five places with steel strip.

Weight of bundle - up to 5000 kg upon request of customer.

Each bundle is furnished with three tags.