

Seamless Medium-Carbon Steel Boiler and Superheater Tubes – ASTM A210

Application: For manufacturing wall panel, economizer, superheater and steam pipeline of boilers

Mechanical Properties

Grade	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
A-1	≥ 255	≥ 415	30
C	≥ 275	≥ 485	30

Chemical Compositions (%)

Grade	C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V
A-1	≤0.27	≥0.10	≤0.93	≤0.035	≤0.035	/	/	/	/	/
C	≤0.35	≥0.10	0.29-1.06	≤0.035	≤0.035	/	/	/	/	/

Size:

- Outer Dimensions.: 19.05mm ~ 168.3mm
- Wall Thickness: 2 mm ~ 14 mm
- Length: max 19 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 hexahedral bundles or round bundles tied with steel strip.

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

Each bundle is furnished with three tags.