

## ASTM A106 American Standard (High Temperature Seamless Carbon Steel Nominal Pipe)

### Standard:

ASTM A106/ASTM SA106

### Application:

High temperature seamless carbon steel nominal pipe is generally applied to pipelines under high temperature and pressure. It differs greatly with GB 2068.

### Grades of Main Steel Pipes:

A, B, C, etc.

Other grades of steel pipes are provided upon negotiations.

### Mechanical Properties

Standard	Grade	Tensile Strength (MPa)	Yield Strength (MPa)
ASTM A106 ASTM SA106	A	330	205
	B	415	240
	C	485	275

### Chemical Composition

Standard	Grade	Chemical Composition Limits, %									
		C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V
ASTM A106	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
ASTM SA106	C	0.35	0.10	0.29~ 1.06	0.035	0.035	0.40	0.15	0.40	0.40	0.08

### Remarks

HR: hot rolled	CW: cold worked	SR: stress relieved
A: annealed	N: normalized	HF