

**ASTM A179 and ASME SA179 American Standard (Seamless Cold-draw Low-carbon Steel Pipe for Heat Exchanger and Condenser)**

**Standard:**

ASTM A179/A179M/ASME SA179/SA-179M

**Application:**

It is applied to steel pipe of pipe heat exchanger, condenser and similar heat transfer equipment.

**Grades of Main Steel Pipe:**

A179 and SA179, Other grades of steel pipe are provided based on negotiations.

**Mechanical Properties**

Standard	Grade	Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)
ASTM A179/ASME SA179	A179/SA179	≥325	≥180	≥35

**Chemical Composition**

Standard	Grade	Chemical Composition Limits, %									
		C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V
ASTM A179 ASME SA179	A179 SA179	0.06~0.18	/	0.27~0.63	≤0.035	≤0.035	/	/	/	/	/

**Remarks**

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