



Heat Exchanger & Boiler Tubes

Precision seamless tubes for heat exchangers, boilers, condensers and superheaters. Carbon steel, medium carbon and austenitic grades per ASTM A179, A192, A210 and A213.

ASTM A179

ASTM A192

ASTM A210

ASTM A213

Seamless

T91

TP316

PRODUCT OVERVIEW

Heat exchanger and boiler tubes require tight dimensional tolerances and excellent surface finish to ensure efficient heat transfer and long service life. IPC supplies precision seamless tubes to ASTM A179 (low carbon for HX), A192 (high-pressure boilers), A210 (medium carbon boilers/superheaters), and A213 (ferritic/austenitic alloy steel).

Grade A213 covers ferritic grades T5, T9, T11, T22, T91 and austenitic grades TP304, TP316, TP321, TP347 for high-temperature and corrosive service. Delivered cold-drawn and bright annealed, or normalized and tempered, with full ASTM mechanical and hydrostatic testing.

TECHNICAL SPECIFICATIONS

ASTM A179	Low carbon seamless — heat exchangers & condensers
ASTM A192	Carbon steel seamless — high-pressure boilers
ASTM A210	Medium carbon seamless — boilers & superheaters
ASTM A213 (Ferritic)	T5, T9, T11, T22, T91 — high-temp service
ASTM A213 (Austenitic)	TP304, TP316, TP321, TP347
OD Range	6.35 – 101.6 mm
Wall Thickness	0.90 – 8.18 mm
Finish	Cold-drawn bright annealed / normalized & tempered
Testing	Hydrostatic, flare, flange, hardness per ASTM

KEY FEATURES

- ASTM A179, A192, A210, A213 compliant
- Ferritic grades T5, T9, T11, T22, T91
- Austenitic grades TP304, TP316, TP321
- Tight dimensional tolerances
- Cold-drawn bright annealed finish
- High-pressure and high-temperature service
- Full mechanical and hydrostatic testing

APPLICATIONS

- Shell & tube heat exchangers
- High-pressure boilers
- Superheaters and reheaters
- Condensers and reboilers
- Refinery and petrochemical process units

MANUFACTURER / SUPPLIER

SC Industries · Webco Industries · TPCO
(Tianjin Pipe Group)

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