

Commercial Seamless – Ferritic Alloy



Rollmet seamless large diameter ferritic alloy pipe sets the standard in thin wall pipe and tube applications for the power and petrochemical industries.

PRODUCTION DETAILS

- › ASME Certificate No. QSC-598
- › Ferritic Alloy Steel ASTM/ASME A335 – P5, P9, P11, P22, P91, P92
- › 125 to 150 RMS ID finish
- › PED approved to Directive 97/23/EC
- › ISO 9001 approved
- › AD2000-Merkblatt W0 approved
- › 15 to 24 ft single random lengths
- › ASTM +/- 1% ovality tolerance met on all seamless pipes
- › All seamless pipe within +10% /-5% of the nominal weight per ft for the entire length
- › All seamless pipe within +/- 12.5% of the nominal wall call out per ASTM Specification
- › Reliable delivery schedules
- › Specializing in large diameter thin wall ferritic alloy steel pipe
- › 30 years of manufacturing experience

**Rockwell
Collins**

Building trust every day

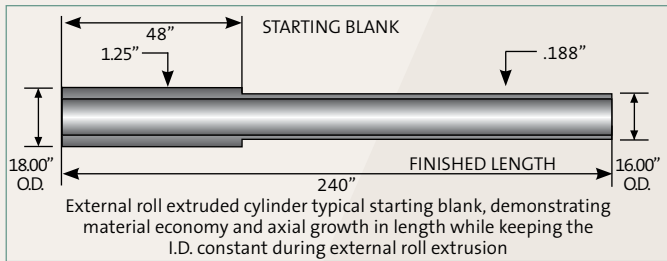
MANUFACTURING RANGE*

PIPE SIZES	OUTSIDE DIAMETERS	ASA PIPE SCHEDULE				
		STD	SCH 30	XH	SCH 40	SCH 60
16"	16.000	.375	.375	.500	.500	.656
18"	18.000	.375	.438	.500	.562	.750
20"	20.000	.375	.500	.500	.594	.812
22"	22.000	.375	.500	.500	.625	.875
24"	24.000	.375	.562	.500	.688	.969
26"	26.000	.375	.625	.500	.688	—

* To thousandths of an inch

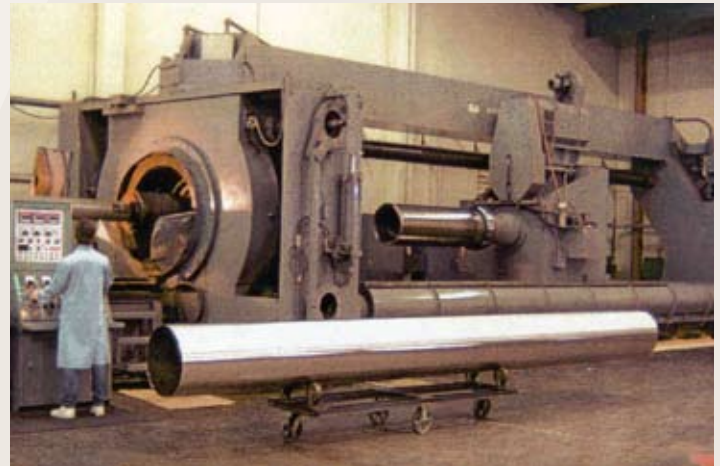
ROLL EXTRUSION METHODS

- Strengths of Roll Extruded Ferritic Alloy Steel Pipe are usually greater than those of conventional manufactured extruded ferritic alloy pipe and tube, due to the fine grain size achieved through cold working and subsequent recrystallization
- Roll Extrusion is performed utilizing precision machined starting hollows
- Roll Extrusion, as a net process, achieves final pipe dimension through metal displacement
- Roll Extrusion is performed at ambient room temperature
- Roll Extrusion process assures a high level of pipe wall concentricity, allowing for easier fit up and fabrication of pipe spools
- Roll Extrusion of Ferritic Alloy Steel Pipe is performed utilizing the External Roll Extrusion Process



External Roll Extrusion: External roll extrusion utilizes a mandrel over which the starting hollow is placed. Two (2) annular die rings are brought into position on the OD of the starting hollow. The mandrel and hollow are rotated, while the die rings progress axially through a series of passes. This simultaneously reduces the OD and wall thickness, while the hollow grows in length.

EXTERNAL ROLL EXTRUSION MACHINE



BUILDING TRUST EVERY DAY.

Rockwell Collins delivers smart communication and aviation electronics solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

FOR MORE INFORMATION CONTACT:

Rockwell Collins Rollmet
 1822 Deere Avenue
 Irvine, California 92606
 tel: 949.221.5329
 fax: 949.221.5909
 e-mail: mjdosdou@rockwellcollins.com
www.rockwellcollins.com/electromechanical



Building trust every day