Grade B 0.30 1 20 0.05 0.06 Continuous-weld 0.08 0.06 Tensile Continuous-Seamless and Electric-Requirements Welded resistance-welded Grade A Grade B Tensile Strength, min., psi......45,000 48,000 60.000 30.000 Yield Strength, min., psi......25,000 35,000 Hydrostatic Hydrostatic inspection test pressures for plain end and threaded and coupled pipe are specified. Hydrostatic Testing pressure shall be maintained for not less than 5 seconds for all sizes of seamless and electric resistance-weld pipe.

Outside Diameter at any point shall not vary from standard specified more than --

Sending Test (Cold) -- STD and XS-NPS 2 and under XXS-NPS 1 1/4 and under.

Flattening Test -- NPS 2 and larger STD and XS. (Not required for XXS pipe).

Double Random - Shortest Length 22', minimum average for order 35'.

1/32" under

NPS 1 1/2 & smaller

one/25 tons

Single Random -- 16' - 22'. 5% may be jointers. If Plain Ends -- 5 % may be 12' - 16'.

Double Random (XS and lighter) -- Shortest Length 22', minimum average for order 35'.

STD or XS, or wall thicknesses less than 0.500 in. (excluding XXS): Plain and beveled.

Lengths longer than single random with wall thicknessess heavier than XS subject to negotiation.

Couplings -- Applied handling tight. Couplings, 2" and smaller straight tapped, other sizes taper tapped.

Kind of pipe, that is, Continuous Welded, Electric-Resistance-Welded A, Electric-Resistance-Welded B, Seamless A;

Degree of Bend

90

180

Seamless and Electric-Resistance-Welded -- Bending, flattening, tensile on one length of pipe from each lot of 500

lengths or less of a size.

For NPS 1 1/2 and Smaller Sizes

Tensile Test - Transverse required on ERW for NPS 8 and large.

1/64 "

Continuous-Weld - Bending, flattening, tensile

Single Random - 12' - 22'. 5% may be 6' - 12'.

or Seamless B; XS for extra strong, XXS for double extra strong.

All XXS and wall thicknesses over 0.500 in.: Plain end square cut.

Rolled, Stamped or Stenciled (Mfgrs, Option)

Thread Protection -- Applied to pipe 4" and large. End Finish (unless otherwise specified) --

Permissible Variations

in Weights per Foot Permissible Variations

in Outside Diameter

Mechanical Tests

Specified

Number of

Lengths

Tests Required

Required Markings

(On Tags attached to

each Bundle in case of Bundled Pipe)

on Each Length

General

Information

Plus or Minus 10%

For Normal A53 Uses

Extra Strong & Double Extra Strong

Name or brand of manufacturer.

For Close Coiling

Standard Weight

ASTM A53 Length of pipe.

Permissible variations	The minimum wall thickness at any point shall not be more than 12.5% under the nominal wall thickness specified.				
in Wall Thickness					
Chemical		C max %	Mn max %	P max %	S max %
Requirements	Seamless or ERW				
1	Grade A	0.25	0.95	0.05	0.06

For Pipe Material Electric-furnace Hot-Dipped Sets standards for coating of pipe with zinc inside and outside by the hot-dipped process. Weight of coating must Galvanizing not average less than 1.8 oz. Per square foot and not less than 1.6 oz. Per square foot.

Purpose for which pipe is intended should be stated on order. Kinds of Steel Permitted Open-hearth Basic-oxygen

Covers Seamless and Welded, Black and hot-dipped galvanized nominal (average) wall pipe for coiling, bending, Scope flanging and other special purposes and is suitable for welding. Continuous-Welded pipe is not intended for flanging.

Specification A53 NPS 1/8 -- 26 STD. XS and XXS, ANSI Schedules 10 through 160

Pipe Specification A53

For NPS 2 and Larger Sizes

1% under

Diameter of Mandrel

12 x nom. dia. of pipe

8 x nom. dia. of pipe

1% over

NPS 2 & larger

one/50 tons