

STAINLESS STEEL TUBE TO ASTM A269

DUTY

Seamless or Welded Stainless Steel Tube for general Corrosion Resisting and Low or High Temperature service used mainly in the Liquid Processing and Food Industries.

GRADES

304, 304L, 316 AND 316L

SIZE RANGES

½" o/d - 4" o/d

TOLERANCES

Permissible Variations in Dimensions

Size Outside Diameter (in)	Permissible Variations In Outside Diameter in. (mm)	Permissible Variations in Wall Thickness. (Percent)	Ovality shall be doubled the Permissible Variations in Outside Diameter when wall thickness is
½ to 1 ½	+/- 0.005 (0.13)	+/- 10	Less than 0.065 in. (1.65mm)
1 ½ to 3 ½	+/- 0.010 (0.25)	+/- 10	Less than 0.095 in. (2.41mm)
3 ½ to 4	+/- 0.015 (0.38)	+/- 10	Less than 0.150 in. (3.81mm)

HEAT TREATMENT

All Grades shall be supplied in the Heat Treated condition. Heat Treatment shall consist of heating to 1900 Deg F (1040 Deg C) and rapidly cool, except for S31254 at 2100 Deg F (1150 Deg C).

TESTS

1. Hardness Test
2. Flaring Test (Seamless only)
3. Flange Test (Welded only)
4. Reverse Flattering Test (Welded only)
5. Hydrostatic or Non-Destructive Electric Test