



Designation: **B464 – 10 B464/B464M – 15**

Standard Specification for Welded UNS N08020 Alloy Pipe¹

This standard is issued under the fixed designation ~~B464~~**B464/B464M**; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reappraisal.

1. Scope*

1.1 This specification² covers welded UNS N08020 alloy pipe for general corrosion-resisting and low- or high-temperature service.

1.2 The pipe covered is nominal pipe sizes up to and including NPS ~~6~~**6** [~~168~~**168 mm**] with the nominal wall thicknesses given as Schedules 5S, 10S, and 40S and nominal pipe sizes up to and including NPS ~~2~~**2** [~~60~~**60 mm**] also including Schedule 80S. Table 2 of Specification **B775** is based on Table A1 of ANSI B36.19 and gives the nominal dimensions of these sizes. Table 3 of Specification **B775** lists the dimensional requirements of these sizes. Pipe having other dimensions may be furnished provided such pipe complies with all other requirements of this specification.

1.3 The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered stated in each system may not be exact equivalents; therefore, each system shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to become familiar with all hazards including those identified in the appropriate Material Safety Data Sheet (MSDS)(SDS) for this product/material as provided by the manufacturer, to establish appropriate safety and health practices, and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*³

A262 Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels

B775 Specification for General Requirements for Nickel and Nickel Alloy Welded Pipe

B899 Terminology Relating to Non-ferrous Metals and Alloys **B464M-15**

2.2 *ANSI Standard:*

B36.19 Stainless Steel Pipe⁴

3. Terminology

3.1 *Definitions*—Definitions for terms defined in Terminology **B899** shall apply unless otherwise defined by the requirements of this document.

4. General Requirement

4.1 Material furnished in accordance with this specification shall conform to the applicable requirements of the current edition of Specification **B775** unless otherwise provided herein.

5. Ordering Information

5.1 It is the responsibility of the purchaser to specify all requirements that are necessary for material ordered under this specification. Examples of such requirements include, but are not limited to, the following:

¹ This specification is under the jurisdiction of ASTM Committee **B02** on Nonferrous Metals and Alloys and is the direct responsibility of Subcommittee **B02.07** on Refined Nickel and Cobalt and Their Alloys.

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² For ASME Boiler and Pressure Vessel Code applications, see related Specification SB-464 in Section II of that code.

³ For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the ~~standard's~~standard's Document Summary page on the ASTM website.

⁴ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, http://www.ansi.org.

*A Summary of Changes section appears at the end of this standard