



Designation: **B 566—93 (Reapproved 2002) 566 – 04**

Standard Specification for Copper-Clad Aluminum Wire¹

This standard is issued under the fixed designation B 566; 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 reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This specification covers bare round copper-clad aluminum wire for electrical applications.

1.2 Four classes of copper-clad aluminum wire are covered as follows:

Class 10A—Nominal 10 volume % copper, annealed.

Class 15A—Nominal 15 volume % copper, annealed.

Class 10H—Nominal 10 volume % copper, hard-drawn.

Class 15H—Nominal 15 volume % copper, hard-drawn.

1.3 The values stated in inch-pound units are to be regarded as the standard, except for resistivity and density, where the SI units are the standard. The values given in parentheses are for information only.

2. Referenced Documents

2.1 The following documents of the issue in effect on date of material purchase form a part of this specification to the extent referenced herein:

¹ This specification is under the jurisdiction of ASTM Committee B01 on Electrical Conductors and is the direct responsibility of Subcommittee B01.06 on Composite Conductors.

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