



Designation: F 883 – 9704

Standard Performance Specification for Padlocks¹

This standard is issued under the fixed designation F 883; 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 ~~contains~~ covers environmental, functional, operational, and security requirements for padlocks. Included are function descriptions, cycle tests, operational tests, environmental tests, forcing tests, and surreptitious entry tests. No effort has been made to include criteria for specially made padlocks used by the Department of Defense or others in highly sensitive locations.

1.2 This specification describes and grades various levels of performance to provide users of the ~~standard~~ specification with criteria upon which to select suitable padlocks.

1.3 Tests described are laboratory tests and although they simulate field conditions as to attacks or the environment, they do not duplicate these conditions. Tests described are repeatable in the laboratory.

1.4 Some users of this ~~standard~~ specification may wish to use padlocks that have special attributes not related to security. These are found in 4.3.

1.5 The values stated in SI units are to be regarded as the standard. The inch-pound units given in parentheses are provided for information only.

1.6 The following precautionary caveat pertains only to the test method portions, Sections 8-11, of this specification: *This standard does not purport to address the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

¹ This specification is under the jurisdiction of ASTM Committee F12 on Security Systems and Equipment and is the direct responsibility of Subcommittee F12.50 on Locking Devices.

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