



Designation: D 2209 – 9500

Standard Test Method for Tensile Strength of Leather¹

This standard is issued under the fixed designation D 2209; 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 test method covers the determination of the load required to rupture a leather test specimen having a ½-in. (12.7-mm) width. The load to rupture divided by the original unstretched cross-sectional area gives the tensile strength. It may be used for all types of leather that are smooth and firm enough to permit accurate thickness measurements. This test method does not apply to wet blue.

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

1.3 *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 establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method is under the jurisdiction of ASTM Committee D31 on Leather and is the direct responsibility of Subcommittee D31.07 on Physical Properties-General. This test method was developed in cooperation with the American Leather Chemists Assn. (Standard Method E 15 – 1965).

Current edition approved May 15, 1995; Sept. 10, 2000. Published July 1995; October 2000. Originally published as D 2209 – 63T. Last previous edition D 2209 – 905.