



Designation: D 6075 – 9700

Standard Test Method for Cracking Resistance of Leather¹

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1. Scope

1.1 This test method covers the determination of the resistance of leather to cracking when the leather is bent or folded with the grain (or finish) surface on the outside of the bend. Heavy leathers (for example, harness, belt, strap, bag, case, and so forth) are usually bent around a mandrel using either mechanical resistance (for example, clamp, vise, and so forth) or by hand. Lighter leathers (for example, shoe upper, upholstery, garment, glove, and so forth) are usually given a sharp double-fold (crosswise) bend after cooling to a low temperature. This test method does not apply to wet blue.

1.2 The values stated in SI 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 D31.01 on Vegetable Leather. This test method is a combination of three methods (that is, Methods 4011, 4021, and 7211) that were part of Federal Test Method Standard No. 311. This test method was developed in cooperation with the U.S. Defense Personnel Support Center, Directorate of Clothing and Textiles, Philadelphia, PA and the U.S. Army Natick Research, Development and Engineering Center Natick, MA.

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