



Designation: D 6214 – 98 (Reapproved 2003)

Standard Test Method for Determining the Integrity of Field Seams Used in Joining Geomembranes by Chemical Fusion Methods¹

This standard is issued under the fixed designation D 6214; 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.

1. Scope

- 1.1 This test method covers an accelerated, destructive test method for geomembranes in a geotechnical application.
- 1.2 This test is applicable to field fabricated geomembranes that are scrim reinforced or non reinforced.
- 1.3 This test method is applicable for field seaming processes that use a chemical fusion agent or bodied chemical fusion agent, as the seaming mechanism.
- 1.4 Subsequent decisions as to seam acceptance criteria are made according to the site-specific contract plans, specification and CQC/CQA documents.
- 1.5 The values stated in both inch-pound and SI units are to be regarded separately as the standard. The values given in parentheses are for information only.
- 1.6 *Hazardous Materials*—Always consult the proper Material Safety Data Sheets for any Hazardous materials used for proper ventilation and protection. The use of the oven in this test method may accelerate fume production from the test specimen.
- 1.7 *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 applicable of regulatory limitations prior to use.*

¹ This test method is under the jurisdiction of ASTM Committee D35 on Geosynthetics and is the direct responsibility of Subcommittee D35.10 on Geomembranes . Current edition approved Aug. 10, 1998. Published December 1998 Originally published as D 6214-97; approved in 1997. Last previous edition approved in 1998 as D 6214-97ε.