



Designation: D 4355 – 9902

Standard Test Method for Deterioration of Geotextiles ~~from by~~ Exposure to ~~Ultraviolet~~ ~~Light~~ Light, Moisture and Water (Xenon-Arc Heat in a Xenon Arc Type Apparatus)¹

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1. Scope

1.1 This test method covers the determination of the deterioration in tensile strength of geotextiles by exposure to ~~ultraviolet light xenon arc radiation, moisture, and water heat.~~

1.2 The light and water exposure apparatus employs a xenon-arc light source.

1.3 *This standard does not purport to address all of the safety problems, 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:*

D 123 Terminology Relating to Textiles²

¹ This test method is under the jurisdiction of ASTM Committee D35 on Geosynthetics and is the direct responsibility of Subcommittee D35.02 on Endurance Properties. Current edition approved ~~Dec. 10, 1999; 2002~~. Published ~~March 2000; May 2002~~. Originally published as D 4355 – 84. Last previous edition D 4355 – 92-9.