



Designation: D 6497 – 002

Standard Guide for Mechanical Attachment of Geomembrane to Penetrations or Structures¹

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1. Scope

1.1 This guide covers procedures that can be employed to mechanically attach fabricated geomembranes to structures, pipes, etc.

1.2 This guide does not address all problems or situations a geomembrane installer or design engineer may face in the attachment of geomembranes to structures, pipes, etc. The sole purpose of this standard guide is to point out typical problems with geomembrane attachments and clearly state objectives of each component of the geomembrane attachment(s).

1.3 This guide has been generated for geomembrane application(s); however, a geomembrane installer or design engineer, or both, may find portions of this guide applicable to other geosynthetics.

1.4 The values stated in SI units are to be regarded as standard, unless other units are specifically given.

1.5 *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 EPA Document:

Quality Assurance and Quality Control for Waste Containment Facilities, Technical Guidance Document, United States

¹ This guide is under the jurisdiction of ASTM Committee D35 on Geosynthetics and is the direct responsibility of Subcommittee D35.10 on Geomembranes. Current edition approved ~~June Jan.~~ 10, 20002. Published ~~September 2000~~: April 2002. Originally published as D 6497–99. Last previous edition D 6497–9900.