
Test Procedure for**SAMPLING GEOSYNTHETICS****TxDOT Designation: Tex-735-I****Effective Date: November 2007**

1. SCOPE

- 1.1 This method outlines the procedure for sampling woven or non-woven and grid type geosynthetics composed of thermoplastic and fiberglass intended for use as fabric underseal, fabric joint underseal, filter fabric, geogrid, and related geotextile applications.
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2. SAMPLING

- 2.1 An authorized Department representative must sample material.
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3. APPARATUS

- 3.1 *Scissors, wire cutters, or razor-type cutting device.*
- 3.2 *Twine or plastic wrap.*
- 3.3 *Core, 5-in. minimum diameter for shipping fiberglass and grid type materials; smaller cores sizes are acceptable for other geosynthetics.*
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4. PROCEDURES

- 4.1 For pre-qualified or certified materials on the Material Producer List (MPL), sampling is unnecessary unless material quality is questionable.
- 4.2 For materials not on the MPL, take one sample from one roll for each 100 rolls, or fraction thereof.
- 4.3 Take the sample from the end of the roll, unless there is evidence of damage or the end is not representative of the roll.
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- 4.3.1 For rolls of geosynthetics 3 ft. or less in width and for rolls of fiberglass materials, cut samples 6 ft. in length by the width of the roll.
Note 1—Wear gloves and protective eyewear when cutting a sample of fiberglass material. Fiberglass is a skin and eye irritant.
- 4.3.2 For rolls of geosynthetics over 3 ft. in width, cut samples 3 ft. long by the width of the roll.
- 4.4 Wrap the sample around a core and secure with twine or plastic wrap for shipping.
- 4.5 Avoid folding samples. Folding can damage the geosynthetic.
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5. TAGGING/LABELING, DOCUMENTING, AND SHIPPING

- 5.1 Follow the procedures detailed in Tex-701-I.
- 5.2 Identify each sample by lot number, roll number, number of rolls, and square yards represented by each sample.
- 5.3 Fill out [Form 202](#) with all information pertinent to samples.
- 5.4 Wrap samples securely to protect from moisture and damage.
- 5.5 Do not tape or staple samples.
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6. ARCHIVED VERSIONS

- 6.1 Archived versions are available.