

9850202 GEOSYNTHETIC MATERIALS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (5-21-18)

In Table 1.1 it looks like the “*” should be deleted from “US Sieve No. *” in the first column, second row.

Response: Agree.
Change made.

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Comments: (5-24-18)

Will you consider starting to recognize NTPEP certified materials? The NTPEP Datamine has current independent test data for all of their approved fabrics by manufacturer readily available which would expedite this Spec change for everyone involved.

Response: We already accept NTPEP test results. However, NTPEP does not certify materials for any particular use.
No change made.

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Comments: (6-19-18)

1. 985-2.2 – “independent third party” should read “NTPEP” to be consistent with the proposed change in section 985-3.1 Product Acceptance.

Response: 985-2.2 (Materials) states the testing and physical requirements. In some instances, tests not performed by NTPEP are required. In 985-3.1 (Product Acceptance), the acceptance requirements states that the manufacturer’s facility must be on NTPEP’s list of compliant producers.

No change made.

2. Table 1.1: Types D-1 & D-2 should allow nonwoven geotextiles as grab tensile properties are included in the table for elongations $\geq 50\%$. This is in accordance with AASHTO M288.

Response: In our experience, woven geotextiles perform better in some of the applications for which we require D-1 & D-2 geotextiles. The elongation references have not created any issues

for over 20 years, and AASHTO M288 does not define materials with elongation $\geq 50\%$ as nonwoven. However, we will remove the elongation references and the lower allowed strengths for geotextiles with elongation $\geq 50\%$.

Change made.

3. Table 1.1: For Minimum Puncture Strength and Minimum Trap Tear, the phrase “other woven geotextiles” should read “other geotextiles”.

Response: In our experience, woven geotextiles perform better in some of the applications for which we require D-1 & D-2 geotextiles.

No change made.

4. Table 1.1 may have a type for D-1a and D-2a. Minimum permittivity should be 0.5 per second.

Response: 0.7 is not a typo.

No change made.

5. Table 1.2 should include both US and metric units for AOS to be in accordance with Table 1.1.

Response: Agree.

Change made.

6. The remaining parts of the spec are missing in the review (i.e. sections 985-4.1.2 and 985-4.2).

Response: 985-4.1.2 and 985-4.2 were not revised and are not included for review.

No change made.

7. Consideration to consolidate Type c and d would simplify the spec considering that AOS is the only differentiator. A standard M288 Class 1 nonwoven has a tighter AOS than both FDOT Types c and d.

Response: Disagree. AASHTO M288 uses footnote “e” instead of a separate class.

No change made.
