

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.
