Super Silt Fence

Source: Adapted from MD Stds. & Specs. for ESC
Symbol: SSF
Detail No. DE-ESC-3.1.2.3
Sheet 1 of 2
Effective FEB 2019

Chain link fence with geotextile fabric

Flow

2-1/2" dia. galvanized or aluminum posts

Embed fabric min. 8" into ground

Post

Geotextile fabric

33" min. post and 2nd layer geotextile fabric

16" min. 1st layer geotextile fabric

DATA
Max. controlled slope

10' Max.

33" Min.

36" Min.

8" Min.

Max. controlled slope
Construction Notes:

1. The poles do not need to be set in concrete.
2. Chain link fence shall be fastened securely to the fence posts with wire ties or staples.
3. Geotextile fabric shall be fastened securely to the chain link fence with ties spaced every 24” at the top and mid section.
4. Geotextile fabric shall be embedded a minimum of 8” into the ground.
5. When two sections of geotextile fabric adjoin each other, they shall be overlapped by 6” and folded.
6. Maintenance shall be performed as needed and silt buildups removed when “bulges” develop in the silt fence.

Materials:

1. **Fencing:** Fencing shall be 42 inches in height and constructed in accordance with the latest Delaware Department of Transportation (Del-DOT) Specifications for Chain Link Fencing (Section 727). The Del-DOT specification for a 6 foot fence shall be used, substituting 42 inch fabric and 6 foot length posts.
2. **Geosynthetic Fabric:** Type GD-I