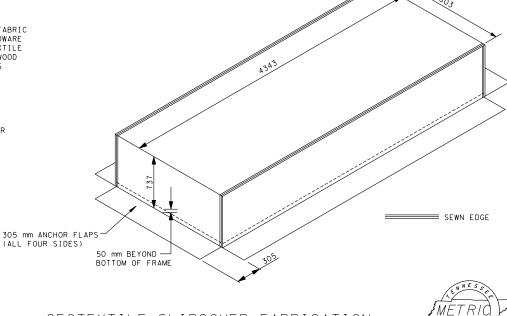


N.T.S.

SLIPCOVER FILTER SPECIFICATIONS FABRIC TYPE : NON-WOVEN, NEEDLE-PUNCHED GEOTEXTILE MINIMUM AVERAGE ROLL FABRIC PROPERTY ASTM TEST METHOD VALUES (MARVS) GRAB TENSILE STRENGTH ASTM D4632 ≥82 kg GRAB ELONGATION ASTM D4632 ≥50% MULLEN BURST ASTM D3786 ≥2275 kPa PUNCTURE STRENGTH ASTM D4833 ≥48 kg TRAPEZOIDAL TEAR ASTM D4533 ≥34 kg FINER THAN OR EQUAL TO APPARENT OPENING SIZE ASTM D4751 0.180 mm STANDARD SIEVE (AOS) PERMEABILITY ASTM D4491 ≥0.003 m/s PERMITTIVITY ASTM D4491 ≥1.5 SEC⁻¹ WATER FLUX ASTM D4491 ≥4480 L/MIN/m² UV RESISTANCE ASTM D4355 ≥70% AT 500 HOURS WEIGHT ASTM D3776 MINUMUM 0.203 kg/m^2 HARDWARE CLOTH SPECIFICATIONS

STANDARD SPECIFICATION ASTM A740 OPENING SIZE 13 mm X 13 mm WIRE SIZE 1.06 mm WIRE DIAMETER 1 mm WEIGHT 1.0 kg/m² GRADE LOW CARBON STEEL (C1008)

TYPE WELDED HOT GALVANIZED STEEL WIRE FABRIC



GEOTEXTILE SLIPCOVER FABRICATION N.T.S.

FABRICATION SPECIFICATIONS:

- 1. GEOTEXTILE SLIPCOVER FABRIC SHALL HAVE HEAT-CUT FUSING FABRIC EDGES FOR STRENGTH.
- 2.ALL SEAMS SHALL BE SEWN WITH TWO INDEPENDENT ROWS OF LOCK-TYPE STITCHING, USING UV-BONDED POLYESTER THREAD (MINIMUM OF 63 kg) WITH MINIMUM OF SIX STITCHES PER EERY 25 MILLIMETERS.
- 3. THE INSIDE ROW OF STITCHING SHALL BE A MINIMUM OF 13 mm FROM HEATCUT FABRIC EDGES.

ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

CATCH BASIN FILTER ASSEMBLY (TYPE 11) SLIPCOVER DETAILS

9-11-04 | ECM-STR-51A

EROSION CONTROL PLAN LEGEND:



CATCH BASIN FILTER ASSEMBLY (TYPE 11)