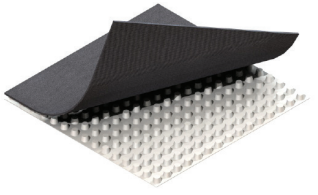
SITEDRAIN™ SHEET 94-T

PREFABRICATED SHEET DRAIN

AWD
AMERICAN WICK DRAIN



PRODUCT OVERVIEW

SITEDRAIN Sheet 94-T geocomposite drain is composed of a dimpled polymeric core with a spunbonded geotextile bonded to the dimple side. The geotextile allows water to pass through while retaining backfill materials. The solid core allows water collection from one side and provides a continuous flow path to designated drainage exits.

SITEDRAIN Sheet 94-T is an economical solution for single-sided subsurface drainage applications requiring moderate strength, moderate flow capacity, and the performance properties of a spunbonded geotextile meeting AASHTO M288 Class 3 subsurface drainage requirements.

PROPERTY [1]	TEST METHOD	UNIT OF MEASURE	Typical Value	MARV
GEOTEXTILE				
Material [2]			PP, SBNW	PP, SBNW
Survivability	AASHTO M288	Class	3	3
Grab Tensile Strength	ASTM D4632	lbs	150	130
		N	667	578
Grab Elongation	ASTM D4632	%	50	50
CBR Puncture	ASTM D6241	lbs	295	276
		N	1,312	1,228
Trapezoidal Tear	ASTM D4533	lbs	70	60
		N	310	290
UV Resistance	ASTM D4355	% / 500 Hrs	70	70
Apparent Opening Size (AOS) [3]	ASTM D4751	sieve	80	60
		mm	0.180	0.250
Permittivity	ASTM D4491	sec^{-1}	1.0	0.8
Water Flow Rate	ASTM D4491	gpm / ft^2	70	60
		Lpm / m^2	2,850	2,444
CORE				
Compressive Strength	ASTM D6364 ASTM D1621	psf	9,000	-
		kPa	431	-
Thickness	ASTM D5199	in	0.25	-
		mm	6.35	-
In-Plane Flow Rate [4]	ASTM D4716	gpm/ft	12	-
		Lpm/m	149	-
COMPOSITE				
Available Roll Sizes	Dimensions (ft)	Weight (lbs)	AWD Item Code	
	4 x 50	29	-	

[1] Unless otherwise noted, all physical and performance properties listed are Typical Value or Minimum Average Roll Value (MARV) as defined in ASTM D4439.
[2] PP = Polypropylene; NPNW = Needle-Punched Nonwoven; WM = Woven Monofilament; SBNW = Spunbonded Nonwoven
[3] Values for AOS represent Maximum Average Roll Value (MaxARV).
[4] In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

American Wick Drain • 1209 Airport Road, Monroe, NC 28110 USA • TF: +1.800.242.9425 • PH: +1.704.238.9200 • EMAIL: info@awd-usa.com • WEB: awd-usa.com