

# SITEDRAIN™ STRIP 9400-T

## PREFABRICATED STRIP DRAIN



### PRODUCT OVERVIEW

SITEDRAIN Strip 9400-T geocomposite strip drain products are composed of a dimpled polymeric perforated core fully wrapped in a spunbonded geotextile. The geotextile allows water to pass through while retaining backfill materials. The perforated core allows water collection from all sides and provides a continuous flow path to designated drainage exits.

SITEDRAIN Strip 9400-T products provide a value engineered alternative to perforated pipe and aggregate subsurface drainage systems requiring high strength, high flow capacity, and a geotextile meeting AASHTO M288 Class 3 subsurface drainage requirements.

PROPERTY <sup>1</sup>	TEST METHOD	UNIT OF MEASURE	Typical Value	MARV
<b>GEOTEXTILE</b>				
Material <sup>2</sup>			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) <sup>3</sup>	ASTM D4751	sieve	80	60
		mm	0.180	0.250
Permittivity	ASTM D4491	sec <sup>-1</sup>	1.0	0.8
Water Flow Rate	ASTM D4491	gpm / ft <sup>2</sup>	70	60
		Lpm / m <sup>2</sup>	2,850	2,444
<b>CORE</b>				
Compressive Strength	ASTM D6364	psf	9,500	-
	ASTM D1621	kPa	455	-
Thickness	ASTM D5199	in	1.0	-
		mm	25.4	-
In-Plane Flow Rate <sup>4</sup>	ASTM D4716	gpm/ft	21	-
		Lpm/m	261	-

MODEL	WIDTH	ROLL LENGTH	ROLL WEIGHT	ITEM CODE
9406-T	6"	150'	26 lbs	10750
9412-T	12"	150'	48 lbs	10760
9412-T	12"	500'	160 lbs	14490
9418-T	18"	150'	72 lbs	10770
9424-T	24"	150'	90 lbs	10780
9436-T	36"	100'	90 lbs	10790

<sup>1</sup> Unless otherwise noted, all physical and performance properties listed are Typical Value or Minimum Average Roll Value (MARV) as defined in ASTM D4439.

<sup>2</sup> PP = Polypropylene; NPNW = Needle-Punched Nonwoven; WM = Woven Monofilament; SBNW = Spunbonded Nonwoven

<sup>3</sup> Values for AOS represent Maximum Average Roll Value (MaxARV).

<sup>4</sup> In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 0.1.

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