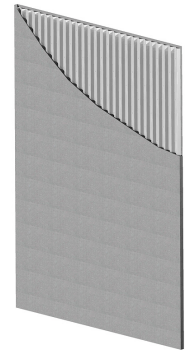


AMERDRAIN® 407

PREFABRICATED VERTICAL WICK DRAIN



PRODUCT OVERVIEW

AMERDRAIN 407 prefabricated vertical drain is one of the world's most widely used vertical drain designs. It is appropriate for most ground improvement projects requiring vertical drain. AMERDRAIN 407 is a two-part prefabricated soil drain consisting of a formed polypropylene core covered with a spunbond polypropylene filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core.

Property Values	ASTM Test Method	Unit of Measure	407
FABRIC			MARV
Material ¹			PP
Water Flow Rate	D 4491	gpm/ft ²	60
		Lpm/m ²	2,444
Grab Tensile Strength	D 4632	lbs	130
		N	578
CBR Puncture Resistance	D 6241	lbs	290
		N	1,290
Trapezoidal Tear	D 4533	lbs	60
		N	267
Apparent Opening Size	D 4751	sieve	70
		micron	210
Permittivity	D 4491	sec ⁻¹	0.8
Grab Elongation	D 4632	%	50 %
UV Resistance	D 4355	% / 500 Hrs	70 %
CORE			Typical Value
Material ¹			PP
Tensile Strength	D 4595	lbs	225
		N	1001
PRODUCT			Typical Value
Discharge Capacity	D 4716	gpm	1.6
		Lpm	6
Roll Length		ft	1000
		m	305
Roll Width		in	4.0
		mm	102
1 - PP = Polypropylene			

All technical information contained in this document is accurate as of time of publishing. AWD reserves the right to make changes to products and literature without notice. Please refer to our website for the most current technical information available. All physical and performance properties listed are Minimum Average Roll Values (MARV) or Typical Values as defined by ASTM D 4439.