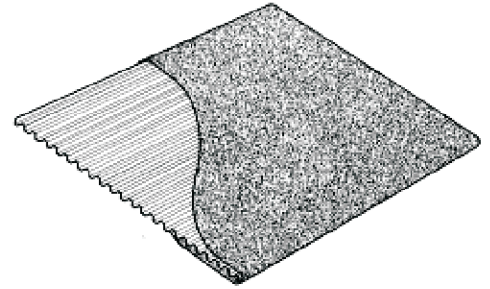


AMERDRAIN 407

PREFABRICATED VERTICAL WICK DRAIN



AMERDRAIN 407 prefabricated vertical soil 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 spunbonded poly-propylene filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core.



PHYSICAL PROPERTIES	US VALUE	SI VALUE	TEST METHOD
FABRIC PROPERTIES			
Material	Polypropylene	Polypropylene	
Grab Tensile Strength	130 lbs	578 N	ASTM D-4632
Puncture Strength	41 lbs	182 N	ASTM D-4833
Trapezoidal Tear	60 lbs	267 N	ASTM D-4533
Elongation	50%	50%	ASTM D-4632
EOS (AOS)	70 sieve	210 micron	ASTM D-4751
Permittivity	0.8 sec ⁻¹	0.8 sec ⁻¹	ASTM D-4491
Flow Rate	60 gpm/ft ²	2444 Lpm/m ²	ASTM D-4491
UV Stability	70%	70%	ASTM D-4355
CORE PROPERTIES			
Material	Polypropylene	Polypropylene	
Tensile Strength	225 lbs	1001 N	ASTM D-4595
PRODUCT PROPERTIES			
Discharge Capacity	1.6 gpm	6 Lpm	ASTM D-4716
Roll length	1000 ft	305 m	
Roll width	4.0 in	102 mm	

All information, drawings and specifications are based on the latest product information available at the time of printing. Constant improvement and engineering progress make it necessary that we reserve the right to make changes without notice. All physical properties are MARV values. Standard variations in mechanical properties of 10% and in hydraulic properties of 20% are normal.