



PercoDrain 20 Data Sheet

PercoDrain 20 is a two-part prefabricated geocomposite drain consisting of a formed polystyrene core covered on one side with woven mono-filament filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core. The core allows the water to flow to designated drainage exits. PercoDrain 20 is designed for horizontal applications. PercoDrain 20 with ½" height can move more drainage water per foot width than a layer of stone which is 1' wide and 180" high.



PHYSICAL PROPERTIES	TYPICAL US VALUE	TYPICAL SI VALUE	TEST METHOD
FABRIC PROPERTIES			
Material	Polypropylene	Polypropylene	
Grab Tensile Strength	370 x 250 lbs	1647 x 1113 N	ASTM D-4632
Puncture Strength	120 lbs	534 N	ASTM D-4833
Grab Elongation	15%	15%	ASTM D-4632
EOS (AOS)	40 Sieve	0.425 mm	ASTM D-4751
UV at 500 hours (strength retained)	90%	90%	ASTM D-4355
Flow Rate	60 gal/min/ft ²	2460 L/min/m ²	ASTM D-4491
CORE PROPERTIES			
Material	Polystyrene	Polystyrene	
Thickness	7/16 in.	1.11 cm	ASTM D-1777
Compressive Strength (+ or - 5%)	20,000 lbs/ft ²	98 x 10 ³ kg/m ²	ASTM D-1621 (mod) ASTM D-6364
DRAIN PROPERTIES			
Flow Capacity	21 gpm/ft of width	260 l/min/m of width	ASTM D-4716
Roll Length	50 ft	15.24 m	
Roll Width	4 ft	1.22 m	
Roll Weight	45 lbs	20.4 kg	

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 typical values. Standard variations in mechanical properties of 10% and in hydraulic properties of 20% are normal.