

PercoDrain 15-B Data Sheet

PercoDrain 15-B is a three-part prefabricated geocomposite drain consisting of a formed polystyrene core covered on one side with 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. The core allows the water to flow to designated drainage exits. PercoDrain 15-B is designed for vertical applications. PercoDrain 15-B has a built-in Polymeric film protection layer for use as required by manufacture of some waterproofing materials in order to be a compatible protection layer. PercoDrain 15-B 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		110 lbs	50 kg	ASTM D-4632
Puncture Strength		65 psi	65 psi	ASTM D-4833
Grab Elongation		60%	60%	ASTM D-4632
EOS (AOS)		100 Sieve	0.152 mm	ASTM D-4751
UV at 500 hours (strength retained)		70%	70%	ASTM D-4355
Flow Rate		150 gal/min/ft ²	6110 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%)		15,000 lbs/ft ²	72 x 10 ³ kg/m ²	ASTM D-1621 (mod)
Polymeric film layer		Yes	Yes	
DRAIN PROPERTIES				
Flow Capacity		16 gpm/ft of width	200 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.				

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