

PercoDrain 30 Data Sheet

PercoDrain 30 is a two-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 30 is designed for high compressive vertical applications. PercoDrain 30 with ¼” height can move more drainage water per foot width than a layer of stone which is 1’ wide and 120” 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 | | 1/4 in. | .63 cm | ASTM D-1777 |
| Compressive Strength (+ or - 5%) | | 30,000 lbs/ft ² | 126 x 10 ³ kg/m ² | ASTM D-1621 (mod) |
| DRAIN PROPERTIES | | | | |
| Flow Capacity | | 10 gpm/ft of width | 124 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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