

PercoDrain 30-T Data Sheet

PercoDrain 30-T is a two-part prefabricated soil sheet drain consisting of a formed polystyrene core covered with a nonwoven, spunbonded, continuous filament, polypropylene geotextile on the dimple side of the core. 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-T is designed primarily for horizontal applications at depths where higher compressive strength is needed.

PHYSICAL PROPERTIES		TYPICAL US VALUE	TYPICAL SI VALUE	TEST METHOD
FABRIC PROPERTIES				
Material		Polypropylene	Polypropylene	
Grab Tensile Strength		130 lbs	578 N	ASTM D-4632
Puncture Strength		41 lbs	180 N	ASTM D-4833
Grab Elongation		60%	60%	ASTM D-4632
EOS (AOS)		70 sieve	0.21 mm	ASTM D-4751
UV at 500 hours (strength retained)		70%	70%	ASTM D-4355
Flow Rate		60 gal/min/ft ²	2,460 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		9 gpm/ft of width	112 l/min/m of width	ASTM D-4716
Roll Length		50 ft	15.24 m	
Roll Width		4 ft	1.22 m	
Roll Weight		44 lbs	20 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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