

# DrainStar® Stripdrain Specifications

DrainStar stripdrain product (DrainStar) is a two-part geocomposite drain prefabricated with a rigid polymer core covered on all sides with a non-woven, needle-punched polypropylene filter fabric. The core features a series of engineered cones that collect and move water to designated drainage exits. The fabric allows water to flow into the drain core while restricting backfill soils and other particles which may create clogs.

Typical Property	Test Method	
------------------	-------------	--

### Drain Properties

Compressive Strength, lbs/sq ft	6000-9500	ASTM D1621 or D695
Shear Strength, lbs/ sq ft	6000/9500	ASTM D1621 (Mod.)
Peel Strength, lbs/ft	38	ASTM D1876
Fungus Resistance (core)	No Growth	ASTM G21
In-Plane flow, gpm/ft of width Hydraulic gradient = 0.1, loading = 10 psi	21	ASTM D4716
Unobstructed inflow area Pavement side	85%	

### Fabric Properties

	4.0 oz	4.5 oz	
Material	Polypropylene		
Weight, oz/yd <sup>2</sup>	4.0	4.5	ASTM D3776
Grab Tensile Strength, lbs	115	120	ASTM D4632
Puncture Strength, psi	70	80	ASTM D3787
Trapeziodal Tear, lbs	50	60	ASTM D4533
Mullen Burst Strength, psi	240	270	ASTM D3786
Elongation, %	50	50	ASTM D4632
EOS (AOS)	80	80	ASTM D4751
Permeability, cm/sec	0.20	0.20	ASTM D4491
Flow Rate, gpm/ft <sup>2</sup>	170	105	ASTM D4491
UV Stability, 500 hours	85% Retained		ASTM D4355
Fungus Resistance	No Growth		

### Dimensional Data

Thickness	1 inch
Standard Widths	min. 12 inches
Roll Weight	min. 200 lbs

For more information on DrainStar, talk to your  
Barrier Solutions Contractor or call Tremco Barrier Solutions.  
**800-DRY-BSMT**  
[www.guaranteeddrybasements.com](http://www.guaranteeddrybasements.com)