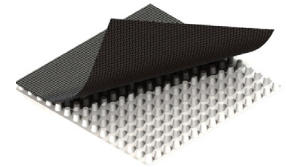


AMERDRAIN® 800/850

PREFABRICATED SHEET DRAIN

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PRODUCT OVERVIEW

AMERDRAIN 800/850 sheet drain is a prefabricated sheet drain consisting of a formed, high impact PVC core and is primarily used in applications where petrochemical soil contamination is a consideration. AMERDRAIN 800/850 is available with a non-woven or woven polypropylene filter fabric. The fabric is bonded to each dimple and retains soil particles while allowing maximum water collection into the drainage core. The core provides an uninterrupted path for water to flow to designated drainage exits.

AMERDRAIN 800 is constructed using a typical nonwoven geotextile and is primarily used for sub-surface, single-side vertical applications requiring high-flow capacity and high compressive strength.

AMERDRAIN 850 is constructed using a high strength woven monofilament fabric and provides a strong bridge to eliminate soil intrusion into the flow channel under load. Woven filter fabrics are better suited to receive concrete pours and provide excellent filtration for the organic soils used in planter applications.

PACKAGING

- » 4' x 50' Rolls
- » 6 Rolls per pallet

TECHNICAL DATA			800	850
Physical Properties	ASTM Test Method	Unit of Measure	Typical Value	Typical Value
FABRIC				
Material ¹			PP	PP
Water Flow Rate	D-4491	gpm/ft ²	165	160
		Lpm/m ²	6,724	6,520
Grab Tensile Strength	D-4632	lbs	100	410 x 220
		N	445	1,824 x 979
Puncture Resistance	D-4833	lbs	65	105
		N	289	467
Apparent Opening Size	D-4751	sieve	70	45
		mm	0.21	0.35
Grab Elongation	D-4632	%	65	15
UV Resistance	D-4355	% / 500 Hrs	70	90
CORE				
Material ¹			PVC	PVC
Thickness	D-1777	in	0.44	0.44
		mm	11	11
Compressive Strength	D-1621	psf	18,000	18,000
		kPa	862	862
Installed Horizontal Flow Rate ²	D-4716	gpm/ft	4.1	4.1
		Lpm/m	51	51
Maximum Flow Rate ²	D-4716	gpm/ft	21	21
		Lpm/m	261	261
1- PVC = Polyvinyl chloride 2 - Flow rates tested @ 3600 psf (172 kPa) compressive load. Installed horizontal flow with concrete sand overburden tested at a hydraulic gradient of 0.05. Maximum in-plane flow rate tested at a hydraulic gradient of 1.0				

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 unless otherwise stated. Standard variations in mechanical properties of 10% and in hydraulic properties of 20% are normal.



1209 Airport Road, Monroe, NC 28110
 TF 800.242.WICK • PH 704.238.9200
 FX 704.238.0220 • info@americanwick.com

