



J-DRAIN MVP

Playground Drainage



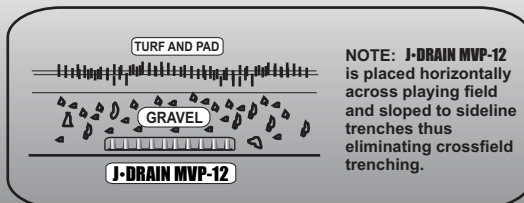
DEPENDABLE, COST EFFECTIVE DRAINAGE:
ELIMINATES ALL TRENCHES UNDER PLAYGROUND AND PROVIDES
RAPID DRAINAGE, SAVING CONSTRUCTION TIME AND MONEY.



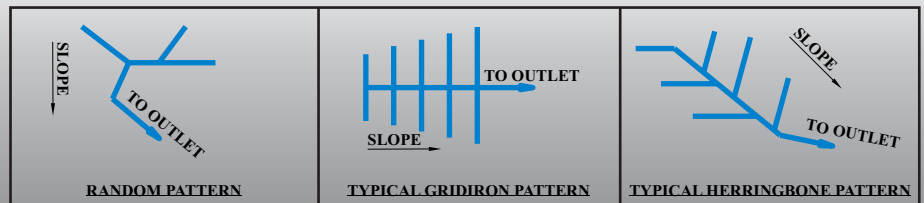
J-DRAIN MVP is a modular composite drainage and collection system consisting of a 3-dimensional, high-flow, drainage core which is wrapped with a non-woven filter fabric. It is designed to replace a conventional sand or gravel covered pipe and french drains. Soil particles are held back by the filter fabric allowing water to pass through to the drain core for easy removal. Available in 6 inch and 12 inch widths. **J-Tape**.



TYPICAL J-DRAIN MVP CROSSSECTION



TYPICAL J-DRAIN MVP DRAINAGE LAYOUTS



Core

Compressive Strength (ASTMD-1621)	12,500 psf	(598 kN/m ²)
Thickness (ASTM-1777)	1 in.	(2.54 cm.)
In-Plane Flow (ASTMD-4716)	30 gpm/ft width	(372 lpm/m)
(Q&518 psf & Hydraulic gradient = .1)		

Roll

Roll Weight:	38 or 68 lbs.	(17 or 30.5 kgs.)
Roll Width:	6", 12", & 18"	(15, 30, & 45 cm.)
Roll Length:	165 ft.	(50.29 meters)

Fabric

	MVP I Black Non-Woven	MVP II Grey Spun-Bonded
Flow (ASTM D-4491)	140 gpm/ft ² (5704 lpm/m ²)	95 gpm/ft ² (3870 lpm/m ²)
CBR Puncture (ASTM D-6241)	250 lbs. (1.11 kN)	225 lbs. (1.0 kN)
AOS (ASTM D-4751)	70 U.S. Sieve (.212 mm)	50 U.S. Sieve (.30 mm)
Grab Tensile (ASTM D-4632)	100 lbs. (.45 kN)	110 lbs. (.495 kN)
Mullen Burst (ASTM D-3786)	210 PSI (1447 KpA)	90 PSI (620 KpA)
U.V. Resistance (ASTM D-4355)	70% @500 hrs.	70% @500hrs.

The information contained herein is believed by JDR Enterprises, Inc. to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user. JDR's Limitations, Limited Warranty, & Disclaimer along with Standard Terms & Conditions apply. See www.j-drain.com for more info. **Limitations:** J-Drain is resistant to chemicals in normal soil environments. However, some reagents may affect the performance of J-Drain. A JDR representative should be contacted for further information to determine the suitability of use of J-Drain in unusual soil environments. J-Drain should be limited to its exposure to ultra-violet sunlight. J-Drain should be backfilled or covered within seven days of installation. **Disclaimer:** All information, drawings and specifications are based on the latest published information at the time of printing. JDR reserves the right to make changes due to manufacturing improvements and engineering at any time. All physical properties are minimum average roll values (MARV). Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.

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