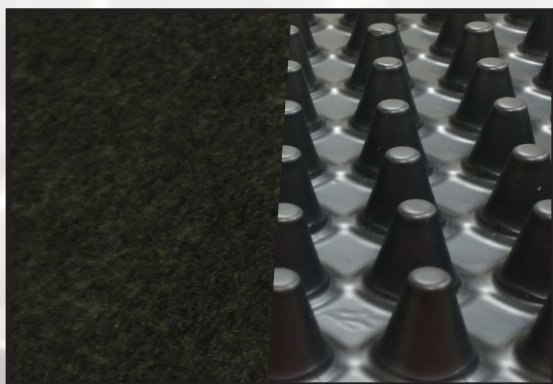
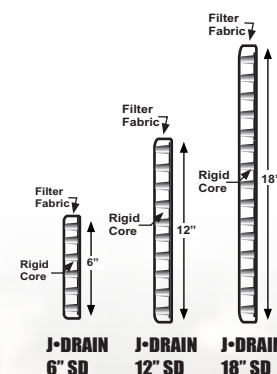




# J•DRAIN®

Engineered Drainage Systems



## APPLICATIONS

TRENCH DRAINS  
INTERCEPTOR DRAINS  
HIGHWAY EDGE DRAINS  
GAS VENTING

## J•DRAIN® SD 1250 series

### ENGINEERED STRIP DRAIN

Meets AASHTO M 288 Requirements

For over 30 years, **J•DRAIN** drainage composites have been successfully installed to provide drainage in building construction, civil engineering, DOT, environmental and landscape applications. Eliminating the costly and time-consuming installation of drainage aggregate, **J•DRAIN** drainage composites provide a more efficient, cost effective way to provide sub-surface drainage. The **SD** series of prefabricated drainage composites are engineered to provide superior performance to meet specific project conditions. The multi-directional flow design allows for a continuous path for water discharge. **J•DRAIN SD** is lightweight, easy to install and has drainage flow capacities that are 3-5 times that of traditional aggregate systems.

**J•DRAIN SD** consists of a heavy duty polypropylene sheet cusped under heat and pressure to form a 3- dimensional, high flow, dimpled drainage core. The core is then wrapped and bonded with a non-woven filter fabric meeting AASHTO M288-06 specifications for survivability. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core. Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief. Collected water is then conveyed to a collection system. The drainage core is chemically resistant and designed for applications where chemical exposure is possible. The 1 inch (25 mm) profile design allows for higher venting and flow rates.

### J-DRAIN SD Fittings & Accessories



6" & 12" END OUTLET



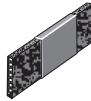
6" ONLY ENDCAP



6" & 12" SIDE OUTLET



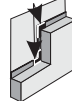
6" & 12" SPLICE



6" & 12" CORNER



6" ONLY STEP DOWN



6" ONLY T CONNECTOR



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**JDR** Enterprises, Inc.

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(800) 843-7569 (770) 442-1461 Fax: (770) 664-7951



# J·DRAIN<sup>®</sup>

## SD 1250 Series

### Physical Properties

Property	Test Method	UOM	SD 1253	SD 1254	SD 1256	SD 1258	SD 1254 T
FABRIC							
Material			Non woven PP	Non woven PP	Non woven PP	Non woven PP	Spunbond PP
AASHTO M 288	Survivability		-	Class 3	Class 2	Class 1	Class 3
Grab Tensile Strength	ASTM D 4632	lbs	80	120	160	205	145
		N	356	534	712	912	644
Apparent Opening Size	ASTM D 4751	U.S. Sieve	70	70	70	80	60
		mm	0.212	0.212	0.212	0.18	0.25
Flow Rate	ASTM D 4491	gal/min/ft <sup>2</sup>	160	135	110	95	60
		l/min/m <sup>2</sup>	6519	5500	4481	3870	2460
Puncture Strength	ASTM D 6241	lbs	210	310	410	500	276
		N	934	1380	1825	2224	1228
Permittivity	ASTM D 4491	sec <sup>-1</sup>	2.2	1.7	1.5	1.4	0.8
Grab Tensile Elongation	ASTM D 4632	%	50	50	50	50	50
UV Resistance	ASTM D 4355	% (@ 500 hrs)	70	70	80	70	80
CORE							
Thickness	ASTM D 1777	inch	1	1	1	1	1
		cm	2.54	2.54	2.54	2.54	2.54
Compression	ASTM D 1621	psf	12,500	12,500	12,500	12,500	12,500
		kNm <sup>2</sup>	598	598	598	598	598
Flow Rate Hydraulic Gradient = 1 Q&518 psf	ASTM D 4716	gal/min/ft	30	30	30	30	30
		l/min/m	372	372	372	372	372
Roll Size: 6, 12, & 18 inch widths x 165 foot length. Specialty roll widths and fabrics require additional lead time and minimum quantity orders.							

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](http://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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