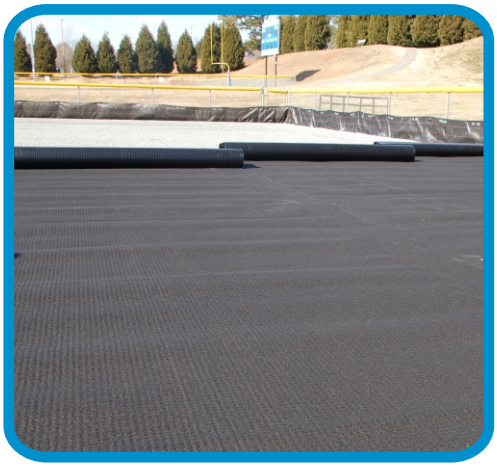
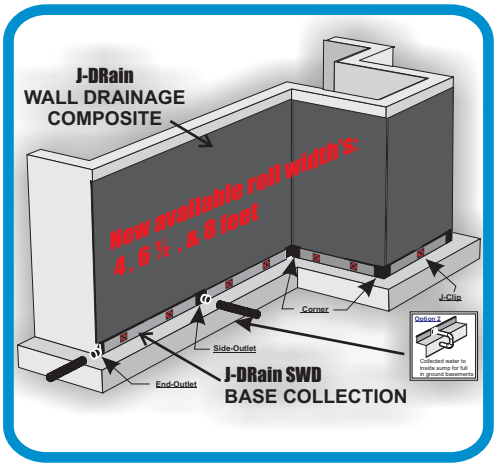
Pc0925

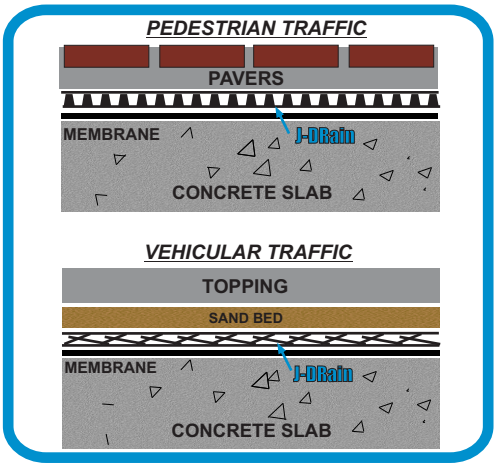
J·DRAIN

Product Catalog

ESR-1901







JDR Enterprises, Inc.

292 S. Main St., Suite 200 Alpharetta, GA 30009
(800) 843-7569 (770) 442-1461

info@j-drain.com
www.j-drain.com

J•DRAIN Products & Accessories

DIMPLE CORE SHEET DRAINS

Low Profile/Core only

J•DRAIN WRAP

[.31" LOW PROFILE
DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

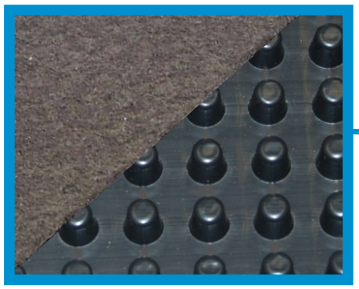
An low profile choice for light commercial and residential construction. Maintains a high flow rate for shallow depths.
Flow rate: 12.5 gpm Compression: 5,200 psf

Low Profile

J•DRAIN 150

[.31" LOW PROFILE
DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

An low profile choice for light commercial and residential construction. Maintains a high flow rate for shallow depths.
Flow rate: 12.5 gpm Compression: 5,200 psf



Non-Woven Geotextile

J•DRAIN 200/220*

[DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

An excellent choice for light commercial and residential construction. Maintains a very high flow rate for shallow depths (less than 20'). Use with J•DRAIN SWD-6 or SWD-12 Collection System for best results.
Flow rate: 18 gpm Compression: 11,000 psf

J•DRAIN 400/420*

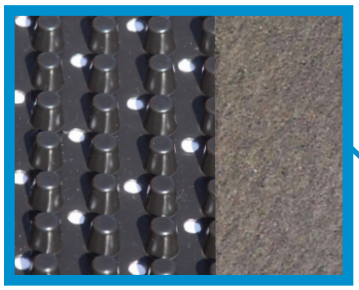
[DIMPLE DRAIN CORE /
NON-WOVEN GEOTEXTILE]

Maintains a very high flow rate while providing a higher compressive strength for greater depths. A very popular choice for vertical and horizontal single sided drainage applications. Use with J•DRAIN SWD-6 or SWD-12 Collection System for best results on vertical applications.
Flow rate: 21 gpm Compression: 15,000 psf

J•DRAIN 400XL/420XL*

[H. D. DIMPLE DRAIN CORE /
H. D. NON-WOVEN GEOTEXTILE]

Designed for extra heavy duty vertical applications that demand greater compressive strength and improved filtration for challenging soil conditions.
Flow rate: 21 gpm Compression: 16,500 psf



Punched Core

J•DRAIN 780

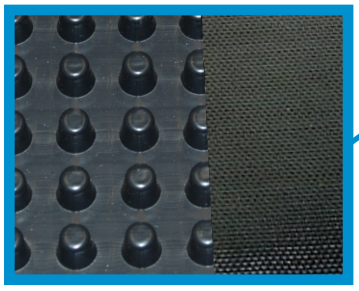
[DIMPLE DRAIN CORE / IMPROVED
COMPRESSIVE STRENGTH & A
H. D. NON-WOVEN GEOTEXTILE]

Engineered for heavy duty horizontal applications with improved compressive strength and greater filtration properties.
Flow rate: 23 gpm Compression: 21,000 psf

J•DRAIN 500

[DIMPLE DRAIN CORE / PUNCHED
2 SIDED NON-WOVEN GEOTEXTILE]

Designed for use where double sided drainage and high flow rate is needed. Ideal for trench drains, interceptor drains, sloped embankments, and landfill enclosures.
Flow rate: 21 gpm Compression: 15,000 psf



Woven Geotextile

J•DRAIN 700/720*

[H. D. DIMPLE DRAIN CORE /
H. D. WOVEN GEOTEXTILE]

Engineered for heavy duty horizontal applications such as parking decks, split slab, and plaza decks. Very suitable to receive concrete toppings.
Flow rate: 23 gpm Compression: 21,000 psf

J•DRAIN 990

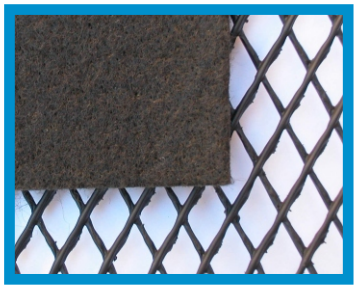
[DIMPLE DRAIN CORE / IMPROVED
COMPRESSIVE STRENGTH & A
H.D. WOVEN MONOFILAMENT
GEOTEXTILE]

Specifically designed for projects demanding the highest compressive strength and filtration such as split slab, under slab, and plaza decks. Withstands the abuse of vehicular traffic. Suitable to receive concrete topings.
Flow rate: 24 gpm Compression: 33,000 psf

* 220 , 420, 420XL, & 720 are identical to 200, 400, 400XL, & 700 with the addition of a membrane protective film on the back side

J•DRAIN Products & Accessories

GEONET CORE



J•DRAIN 300/302

[VERY HEAVY DUTY GEONET DRAIN CORE / NON-WOVEN GEOTEXTILE]

This very heavy duty Geonet Composite has long been the choice of Architects and Engineers for the most rigorous and demanding applications requiring heavy duty vehicular traffic. Most suitable for under slab, split-slab, and other demanding applications. **302** provides for two sided drainage with fabric on both sides for applications such as roadways. Flow rate: 8.5 gpm Compression: 30,000 psf

J•DRAIN 1000

[VERY HEAVY DUTY GEONET DRAIN CORE / NON-WOVEN GEOTEXTILE. INCLUDES A MEMBRANE PROTECTION FABRIC BONDED TO BOTTOM SIDE]

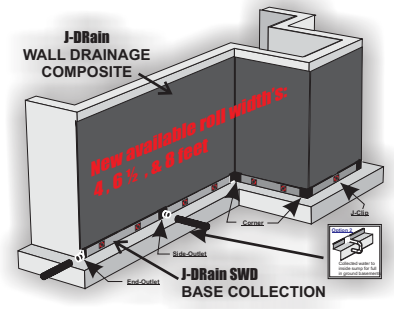
1000 is a modified version of **302** with the same demanding applications. It has a special heavy grey geotextile bonded to the bottom side for membrane protection.
Flow rate: 8.5 gpm Compression: 30,000 psf

MODULAR FOUNDATION DRAINAGE & COLLECTION

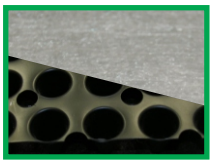
J•DRAIN SWD 6 & 12

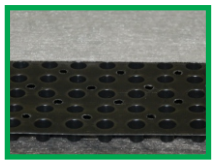
ESR-1901

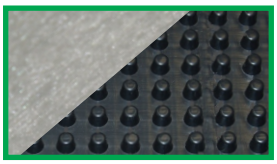
J•DRAIN SWD - 6 & 12 provide a very economical drainage system for retaining & foundation walls. Fittings are used at corners and transitions to pipe for transferring water to daylight or interior sump. Provided in 6" & 12" widths. The base collection system is very suitable to be used with other **J•DRAIN** wall drainage composites such as **200 & 400.**



GREEN ROOF DRAINAGE







J•DRAIN GRS & GRS50

perforated dimple core promotes excellent drainage while storing rainwater in dimpled cups for later plant consumption. Special root resistant **ECO** fabric helps prevent root penetration into the drain layer. Contact our design professionals for design assistance.

J•DRAIN 400RB

is another very unique product designed specifically for greenroofs. Special root resistant **ECO** fabric attached to the dimple side of 400 core. Used primarily in sloped roofs. Again, due to the many design variables, we suggest contacting our design professionals for assistance.

ATHLETIC FIELD & LANDSCAPE DRAINAGE

J•DRAIN MVP-6 & 12

are drainage composites for providing drainage in athletic field and landscape applications. **MVP-6** is well suited for providing easy to install trench drains by requiring only shallow, narrow trenches and eliminating gravel backfill. Used primarily in landscape, natural turf athletic fields, golf courses and many other applications. **MVP-12** is placed horizontally across the synthetic turf fields and playgrounds and sloped to sideline trenches. The amount of gravel backfill is greatly reduced and eliminates trench excavation costs.

J-DRAIN *ACCESSORIES*

J•DRAIN SWD & MVP Fittings

J•TAPE

J•CLIP

DRAINAGE CORE PHYSICAL PROPERTIES

PRODUCTS	WIDTH feet (meters)	THICKNESS (ASTM D 1777) inch (mm)	COMPRESSION (ASTM D 1621) psf (kNm2)	FLOW (ASTM D 4716) gal/min/ft (L/min/m)
DIMPLE CORE				
Wrap	4, 6.5, 8 (1.22, 1.98, 2.44)	.31 (7.87)	5,200 (249)	12.5 (155)
150/150T	4, 6.5, 8 (1.22, 1.98, 2.44)	.31 (7.87)	5,200 (249)	12.5 (155)
200/220	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	11,000 (527)	18 (223)
400/420	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	15,000 (718)	21 (261)
400/420XL	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	16,500 (790)	21 (261)
500	4 (1.22)	.40 (10.16)	15,000 (718)	21 (261)
700/720	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	21,000 (1005)	23 (286)
780	4, 6.5, 8 (1.22, 1.98, 2.44)	.40 (10.16)	21,000 (1005)	23 (286)
990	4 (1.22)	.40 (10.16)	33,000 (1580)	24 (298)
				(Hydraulic Gradient = 1)
GEONET CORE				
300/302	4, 7 (1.22, 2.13)	.25 (6.35)	40,000 (1915)	8.5 (106)
1000	4 (1.22)	.25 (6.35)	40,000 (1915)	8.5 (106)
				(Hydraulic Gradient = 1)
GREEN ROOF				
GRS	4 (1,22)	1.0 (25.4)	9,500 (455)	30 (372) (HG=.1)
GRS50	4 (1.22)	.40 (10.16)	15,000 (718)	21 (261) (HG=1)
400 RB	4 (1.22)	.40 (10.16)	15,000 (718)	21 (261) (HG=1)
STRIP DRAIN				
SWD	6",12",18",24",36"	1.0 (25.4)	9,500 (455)	30 (372)
MVP	6",12"	1.0 (25.4)	12,500 (598)	30 (372)
				(Hydraulic Gradient = .1)

FILTER FABRIC PHYSICAL PROPERTIES

PRODUCTS	APPARENT OPENING SIZE (ASTM D 4751) U.S. STAND. SIEVE (mm)	WATER FLOW RATE (ASTM D 4491) gal/min/ft2 (l/min/m2)	GRAB TENSILE (ASTM D 4632) lbs. (Kn)	GRAB ELONGATION (ASTM D 4632) %	CBR PUNCTURE (ASTM D 6241) lbs. (Kn)
DIMPLE CORE					
Wrap	N/A	N/A	N/A	N/A	N/A
150 (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)
150T (grey4ozNW)	70 (0.21)	90 (3657)	120 (0.54)	35	300 (1.32)
200/220 (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)
400/420 (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)
400/420XL (6ozNW)	70 (0.21)	110 (4481)	160 (0.71)	50	410 (1.83)
500 (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)
700/720 (Woven)	40 (0.425)	145 (5907)	365 (1.62)	24x10	675 (3.00)
780 (8ozNW)	80 (0.18)	95 (3879)	205 (0.90)	50	500 (2.22)
990 (Woven)	40 (0.425)	145 (5907)	365 (1.62)	24x10	675 (3.00)
GEONET CORE					
300/302 (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)
1000 (grey6ozNW)	70 (0.21)	110 (4481)	160 (0.71)	50	410 (1.83)
GREEN ROOF					
GRS/GRS50/400RB (RR Fabric)	50 (0.30)	165 (6723)	75 (0.33)	40	160 (0.71)
STRIP DRAIN					
SWD (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)
MVP (4ozNW)	70 (0.21)	160 (6519)	80 (0.356)	50	210 (.934)

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