



# J·DRAIN®

Prefabricated Drainage Composites

## DRAINAGE CORE PHYSICAL PROPERTIES

PRODUCTS	WIDTH feet (meters)	THICKNESS (ASTM D 1777) inch (mm)	COMPRESSION (ASTM D 1621) psf (kNm <sup>2</sup> )	FLOW (ASTM D 4716) gal/min/ft (L/min/m)
<b>DIMPLE CORE</b>				
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)				
<b>GEONET CORE</b>				
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)				
<b>GREEN ROOF</b>				
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)
<b>STRIP DRAIN</b>				
SWD	6", 12", 18", 24", 36"	1.0 (25.4)	9,500 (455)	30 (372)
MVPI & II	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/ft <sup>2</sup> (l/min/m <sup>2</sup> )	GRAB TENSILE (ASTM D 4632) lbs. (Kn)	GRAB ELONGATION (ASTM D 4632) %	CBR PUNCTURE (ASTM D 6241) lbs. (Kn)
<b>DIMPLE CORE</b>					
150 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
150T (grey4ozNW)	70 (0.21)	90 (3657)	120 (0.54)	35	300 (1.32)
200/220 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
400/420 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
400/420 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
400/420XL (6ozNW)	70 (0.21)	110 (4481)	160 (0.71)	50	410 (1.83)
500 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
700/720 (Woven)	40 (0.425)	145 (5907)	365 (1.624)	15	675 (3.004)
780 (8ozNW)	80 (0.18)	95 (3879)	205 (0.90)	50	500 (2.22)
990 (Woven)	40 (0.425)	145 (5907)	365 (1.624)	15	675 (3.004)
<b>GEONET CORE</b>					
300/302 (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
1000 (grey6ozNW)	70 (0.21)	110 (4481)	160 (0.71)	50	410 (1.83)
<b>GREEN ROOF</b>					
GRS/GRS50/400RB (ECO Fabric)	70 (.19)	250 (10,186)	75 (0.34)	40	238 (1.06)
<b>STRIP DRAIN</b>					
SWD (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
MVPI (4ozNW)	70 (0.21)	140 (5704)	100 (0.45)	50	250 (1.11)
MVPII (spunbound)	50 (0.30)	95 (3870)	110 (0.49)	>50	225 (1.00)

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