



J·DRAIN®

Prefabricated Drainage Composites

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				
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)
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/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					
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)	60 (2460)	370 (1.64)	15	850 (3.78)
780 (8ozNW)	80 (0.18)	95 (3879)	205 (0.90)	50	500 (2.22)
990 (Woven)	40 (0.425)	60 (2460)	370 (1.64)	15	850 (3.78)
GEONET CORE					
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)
GREEN ROOF					
GRS/GRS50/400RB (ECO Fabric)	70 (.19)	250 (10,186)	75 (0.34)	40	238 (1.06)
STRIP DRAIN					
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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