



StrataGrid SG200

Geogrid Type: StrataGrid SG200
Segmental Unit: GeoStone Standard

Segmental Unit Connection Strength Data

Test Facility: SGI Testing
Test Date: May 2009

Laboratory Test Data

Normal Load (lb/ft)	3/4"	
	Peak Connection (lb/ft)	Connection (lb/ft)
400	1020	665
900	1476	812
1400	1631	1023
1400	1801	984
1400	1685	952
1900	1884	1187
2400	2055	1269

Segmental Unit

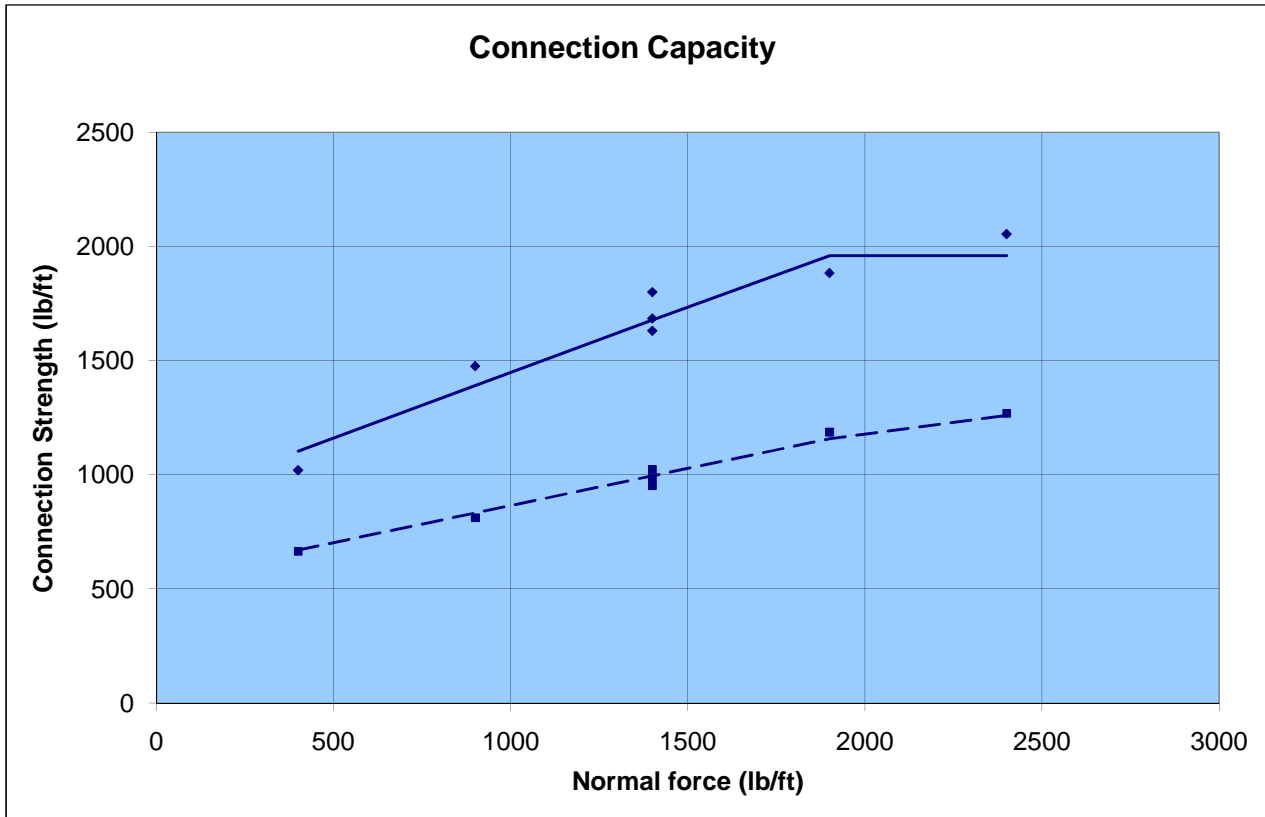
Segmental Unit	GeoStone Standard
Height (in.)	8
Width (in.)	12
Length (in.)	18
Weight (infilled) (lbs.)	120
Center of Gravity (in.)	6

Segmental Unit Interface Shear Data

	Ultimate State	Serviceability State
Block to Block		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

	Ultimate State	Serviceability State
At Geogrid Level		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

	Ultimate State	Serviceability State
Geogrid Connection		
Minimum (lb/ft)	873	540
Friction Angle (deg)	29.9	18
Maximum (lb/ft)	1960	1260





StrataGrid SG350

Geogrid Type: StrataGrid SG350
Segmental Unit: GeoStone Standard

Segmental Unit Connection Strength Data

Test Facility: SGI Testing
Test Date: May 2009

Laboratory Test Data

Normal Load (lb/ft)	Peak Connection (lb/ft)	3/4" Connection (lb/ft)
600	1220	964
1300	1791	1070
2000	2216	1172
2000	2223	1366
2000	2308	1248
2750	2294	1515
3500	2499	1616

Segmental Unit

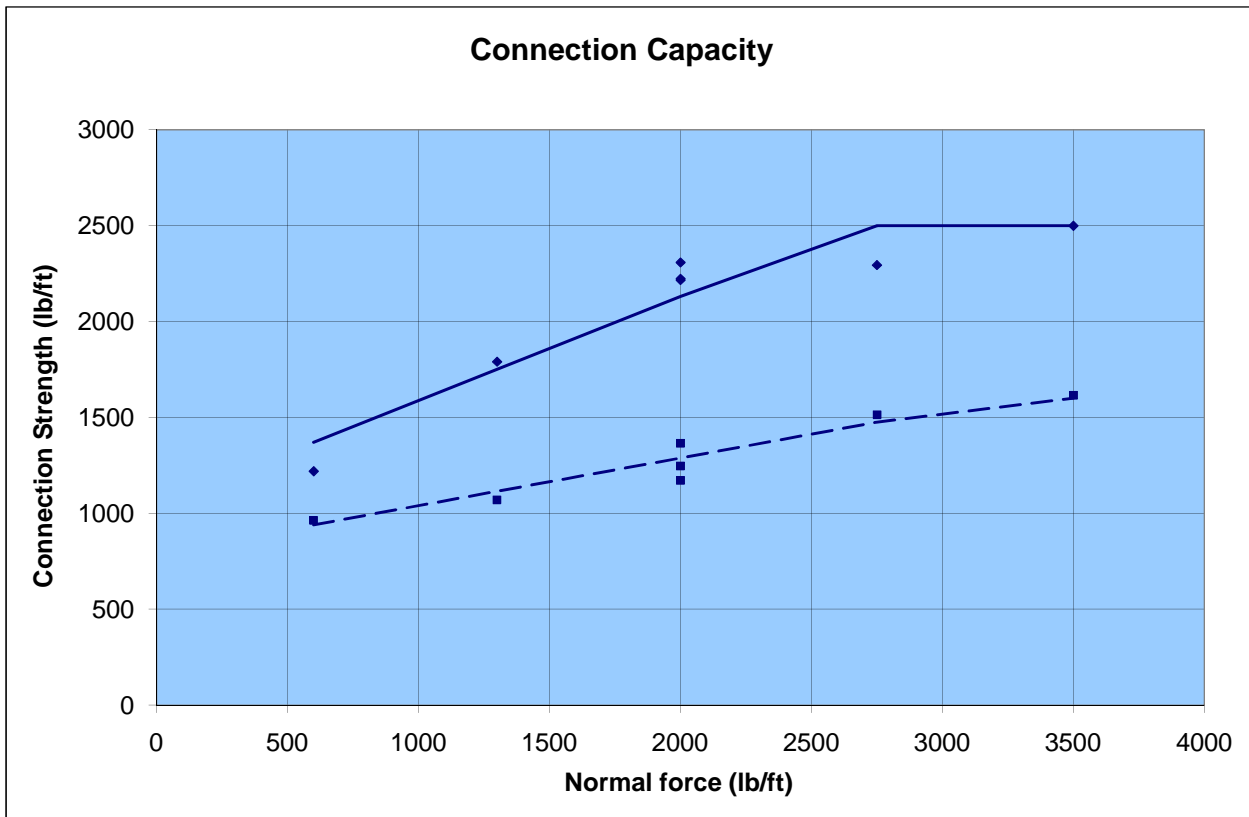
Segmental Unit	GeoStone Standard
Height (in.)	8
Width (in.)	12
Length (in.)	18
Weight (infilled) (lbs.)	120
Center of Gravity (in.)	6

Segmental Unit Interface Shear Data

	Ultimate State	Serviceability State
Block to Block		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

	Ultimate State	Serviceability State
At Geogrid Level		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

	Ultimate State	Serviceability State
Geogrid Connection		
Minimum (lb/ft)	1045	790
Friction Angle (deg)	28.5	14
Maximum (lb/ft)	2500	1600



StrataGrid SG550



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Geogrid Type: StrataGrid SG550
Segmental Unit: GeoStone Standard

Segmental Unit Connection Strength Data

Test Facility: SGI Testing
Test Date: May 2009

Laboratory Test Data

Normal Load (lb/ft)	Peak Connection (lb/ft)	3/4" Connection (lb/ft)
600	1304	1058
1500	2323	1633
2500	3038	1704
2500	3385	1918
2500	3119	1993
3500	3540	2074
4500	3817	2287

Segmental Unit **GeoStone Standard**

Height (in.)	8
Width (in.)	12
Length (in.)	18
Weight (infilled) (lbs.)	120
Center of Gravity (in.)	6

Segmental Unit Interface Shear Data

	Ultimate State	Serviceability State
Block to Block		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

At Geogrid Level		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

	Ultimate State	Serviceability State
Geogrid Connection		
Minimum (lb/ft)	1028	981
Friction Angle (deg)	38.8	18.9
Maximum (lb/ft)	3700	2200

