



CONNECTION EVALUATION

Keystone Unit: Standard III
Manufacturer: Mirafi
Geogrid Type: 3XT
Laboratory: BCGT 10/12/2011

Peak Connection Equation Fit

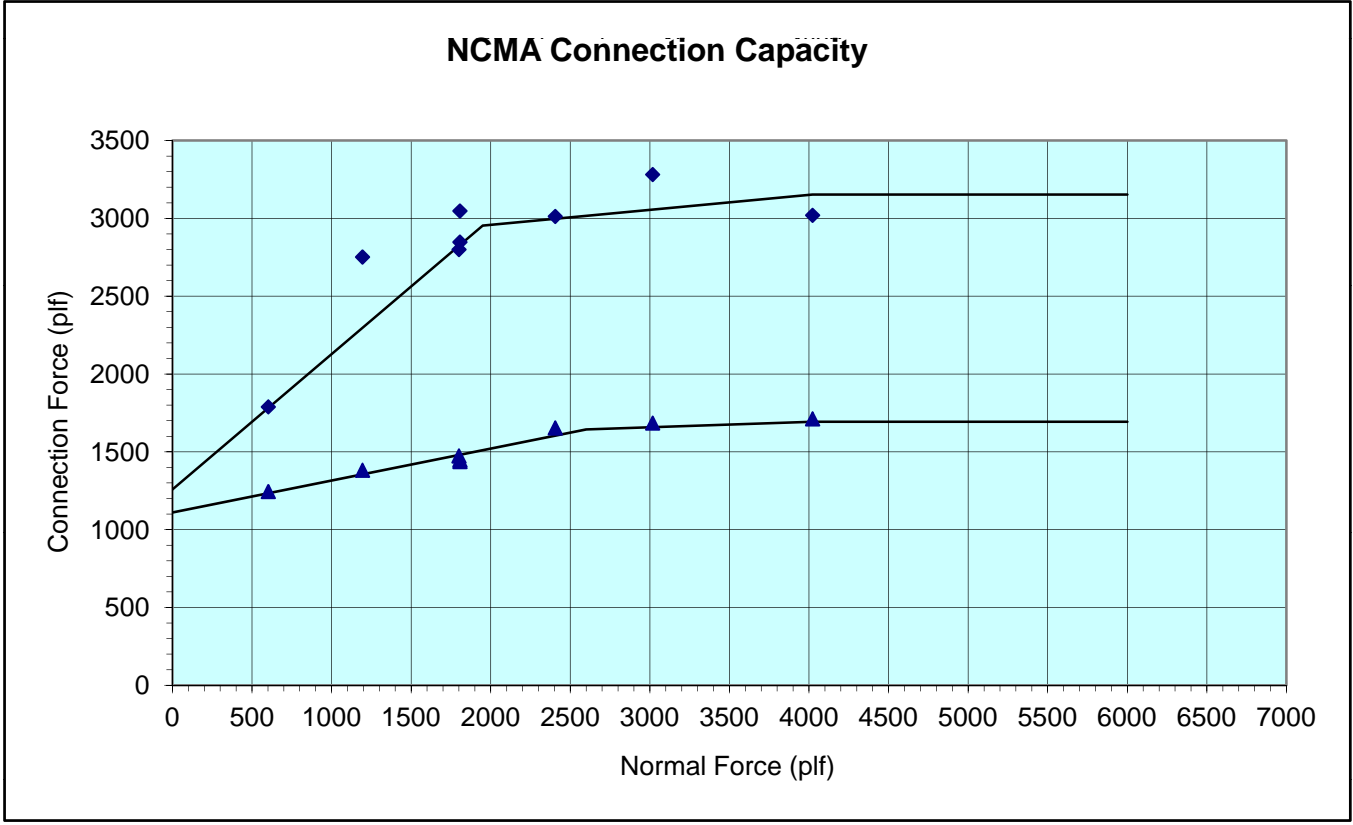
	English	Metric
Intercept (plf)	1258	18.36
Slope1	41.0	41.0
Break - Normal	1950	28.46
Slope2	5.5	5.5
Maximum (plf)	3153	46.01

3/4" Serviceability Equation Fit

Intercept (plf)	1110	16.20
Slope1	11.6	11.6
Break - Normal	2600	37.95
Slope2	2.0	2.0
Maximum (plf)	1693	24.71

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
602	1789	1245
1194	2752	1382
1800	2800	1474
1806	2848	1438
1806	3048	1448
2405	3013	1654
3017	3282	1685
4022	3020	1712





CONNECTION EVALUATION

Keystone Unit: Standard III
 Manufacturer: Mirafi
 Geogrid Type: 5XT
 Laboratory: BCGT 10/12/2011

Laboratory Test Data

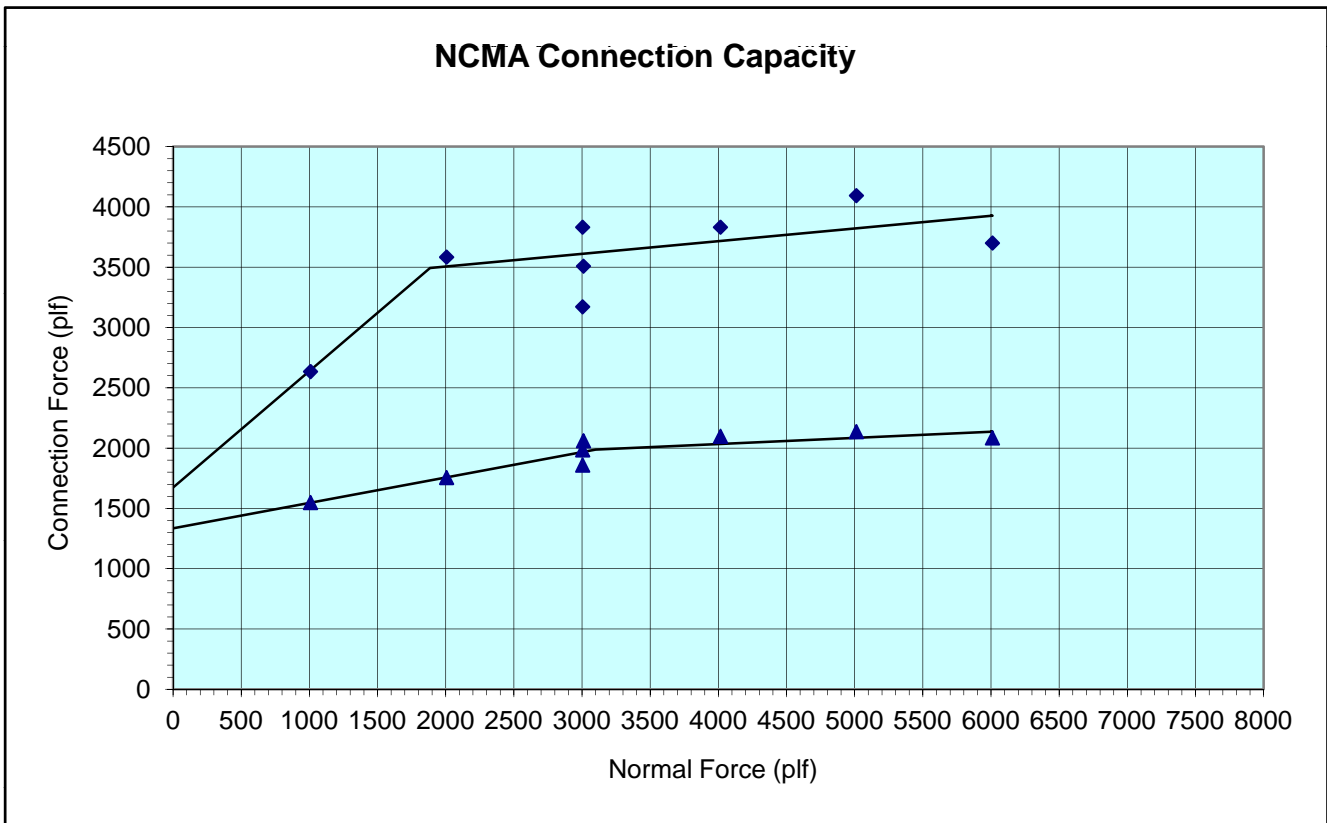
Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
1008	2635	1549
2006	3584	1756
3004	3832	1986
3004	3172	1860
3010	3509	2061
4015	3832	2098
5012	4094	2137
6010	3701	2085

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	1673	24.42
Slope1	44.0	44.0
Break - Normal	1885	27.51
Slope2	6.0	6.0
Maximum (plf)	3927	57.31

3/4" Serviceability Equation Fit

Intercept (plf)	1335	19.48
Slope1	11.9	11.9
Break - Normal	3100	45.24
Slope2	2.9	2.9
Maximum (plf)	2136	31.17





CONNECTION EVALUATION

Keystone Unit: Standard III
 Manufacturer: Mirafi
 Geogrid Type: 7XT
 Laboratory: BCGT 10/12/2011

Laboratory Test Data

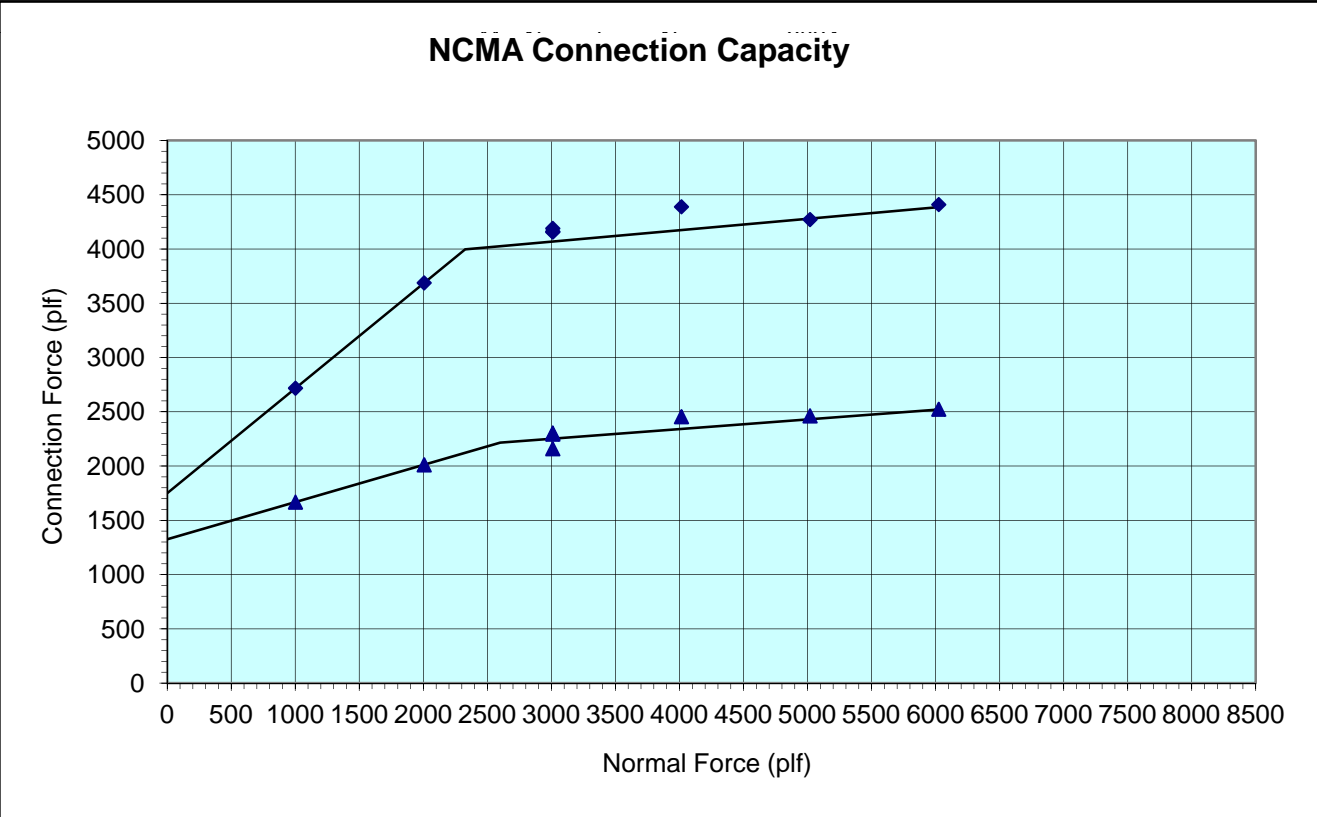
Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
1001	2718	1668
2006	3688	2012
3010	4156	2305
3010	4190	2294
3010	4162	2160
4015	4389	2455
5019	4272	2463
6024	4410	2524

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	1750	25.54
Slope1	44.0	44.0
Break - Normal	2327	33.96
Slope2	6.0	6.0
Maximum (plf)	4386	64.01

3/4" Serviceability Equation Fit

Intercept (plf)	1325	19.34
Slope1	18.9	18.9
Break - Normal	2600	37.95
Slope2	5.1	5.1
Maximum (plf)	2521	36.79





CONNECTION EVALUATION

Keystone Unit: Standard III
Manufacturer: Mirafi
Geogrid Type: 8XT
Laboratory: BCGT 11/12/2011

Laboratory Test Data

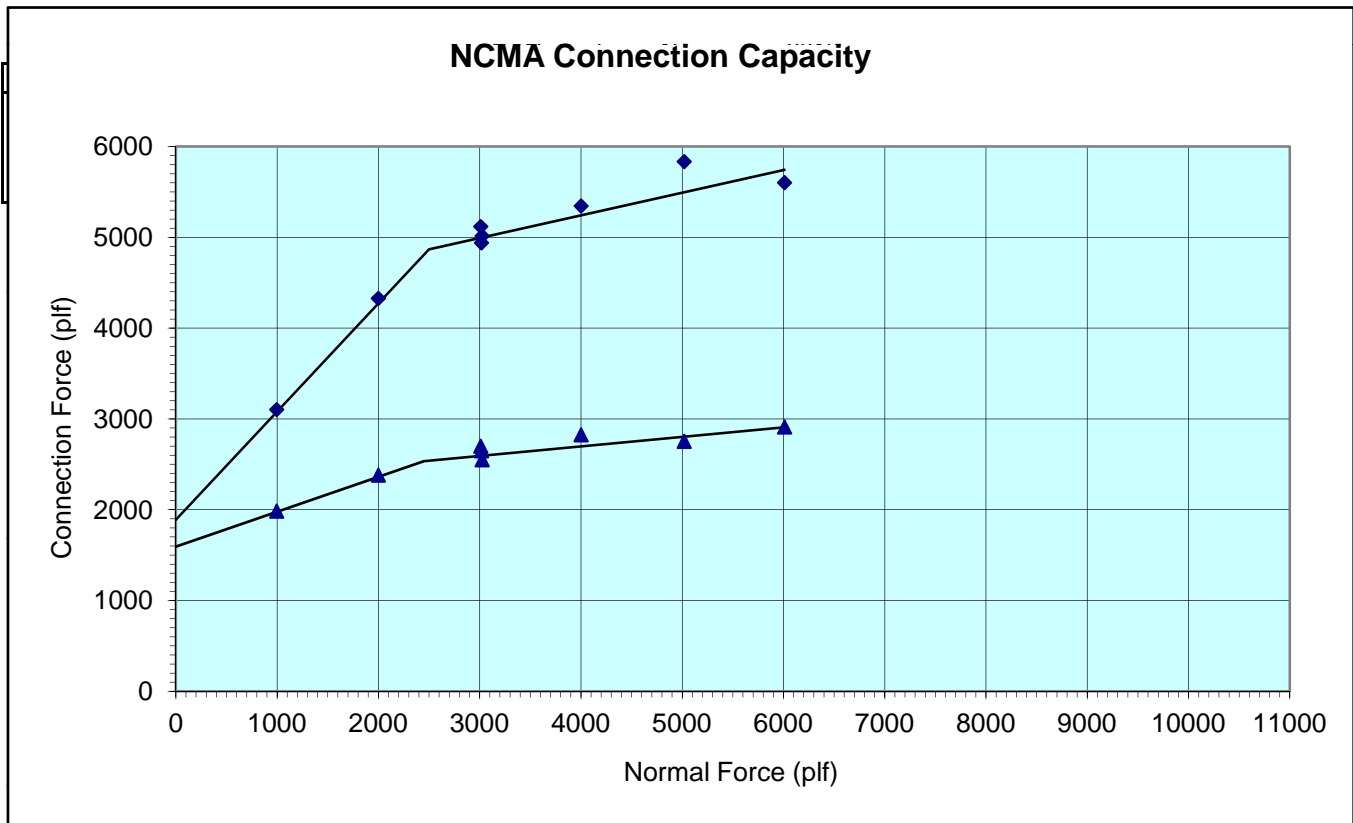
Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
995	3103	1985
1999	4328	2381
3010	5119	2700
3017	4940	2650
3024	5016	2551
4001	5346	2826
5019	5835	2754
6010	5603	2912

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	1889	27.57
Slope1	50.0	50.0
Break - Normal	2500	36.49
Slope2	14.0	14.0
Maximum (plf)	5744	83.82

3/4" Serviceability Equation Fit

Intercept (plf)	1593	23.25
Slope1	21.0	21.0
Break - Normal	2450	35.76
Slope2	6.0	6.0
Maximum (plf)	2908	42.44





CONNECTION EVALUATION

Keystone Unit: Standard III
 Manufacturer: Mirafi
 Geogrid Type: 10XT
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Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
993	2556	2035
2010	4302	2756
3000	5040	3111
3000	4986	3245
3009	4743	3097
3999	5472	3551
4998	5850	3855
5979	5868	4334

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	1485	21.67
Slope1	51.0	51.0
Break - Normal	2675	39.04
Slope2	18.0	18.0
Maximum (plf)	5862	85.55

3/4" Serviceability Equation Fit

Intercept (plf)	1331	19.43
Slope1	35.0	35.0
Break - Normal	2000	29.19
Slope2	21.0	21.0
Maximum (plf)	4259	62.16

