

TABLE OF WOVEN GEOGRID VALUES

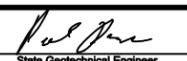
PROPERTY		REQUIRED TEST METHOD	Raugrid 3/13	Raugrid 4/12	Raugrid 6/13	Raugrid 8/13	Raugrid 10/13							
UV Stability (Retained 50% Strength Min. @ 500 hr.)		ASTM D 4355	95%	95%	95%	95%	95%							
Tensile Strength (lb/ft)														
Machine Direction	Ultimate	ASTM D 4595	2,233	2,843	4,350	5,288	6,590							
	2% Ultimate		397	555	960	987	1,302							
	5% Ultimate		712	767	1,444	1,465	1,582							
Cross Direction	Ultimate		2,213	1,459	1,959	2,089	2,492							
	2% Ultimate		377	274	336	390	390							
	5% Ultimate		541	356	452	534	534							
Strain @ Ultimate Tensile Strength				10.8%	11.8%	13.1%	12.2%	11.2%						
Secant Modulus @ (lb/ft)	2% strain		ASTM D 4595	—	—	—	—	—						
	5% strain			—	—	—	—	—						
	10% strain	—		—	—	—	—							
Junction Strength (lb/ft)		GRI : GG2	N/A	617	1139	961	833							
Soil- Geosynthetic Friction		GRI : GG5, GT7	—	—	—	—	—							
Creep Resistance- T_{creep} (lb/ft)		ASTM D 5262	1,469	1,870	2,862	3,479	4,335							
Creep Reduction Factor (T_{ult} / T_{creep})		GRI : GG3 & GT5	1.52	1.52	1.52	1.52	1.52							
Installation Damage (RF _G)	Sand	GRI : GG4 & GT7	1.10	1.10	1.10	1.10	1.10							
	Limestone		1.14	1.14	1.14	1.14	1.14							
Durability (RF _D)	Chemical	ASTM D 5322	1.15	1.15	1.15	1.15	1.15							
	Biological	ASTM D1987, D3083, G21 & G22												
Joint Strength (RF _J)	Mechanical	ASTM D 4595, GRI : GG4 & GT7	—	—	—	—	—							
	Overlap	GRI : GG5 & GT6	—	—	—	—	—							
Approved Application Usage			3	3	3	3	3							

Approved Application Usage: 1 = Steepened Slopes
 2 = Reinforcement of Foundations over Soft Soils
 3 = Both Steepened Slopes & Reinforcement of Foundations over Soft Soils

THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

**APPROVED GEOSYNTHETIC PRODUCTS
 (WOVEN GEOGRID)
 APPLICATION AND PROPERTIES**

Revised: 02-02-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN		
GEOSYNTHETIC REINFORCED SOILS		
INTERIM STANDARD	APPROVED BY 	
THIS SHEET IS A SUPPLEMENT TO INDEX NO. 501, SHEET 6 OF 8 OF THE ROADWAY AND TRAFFIC DESIGN STANDARDS, BOOKLET IN ENGLISH UNITS, DATED JANUARY 2000.		
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