

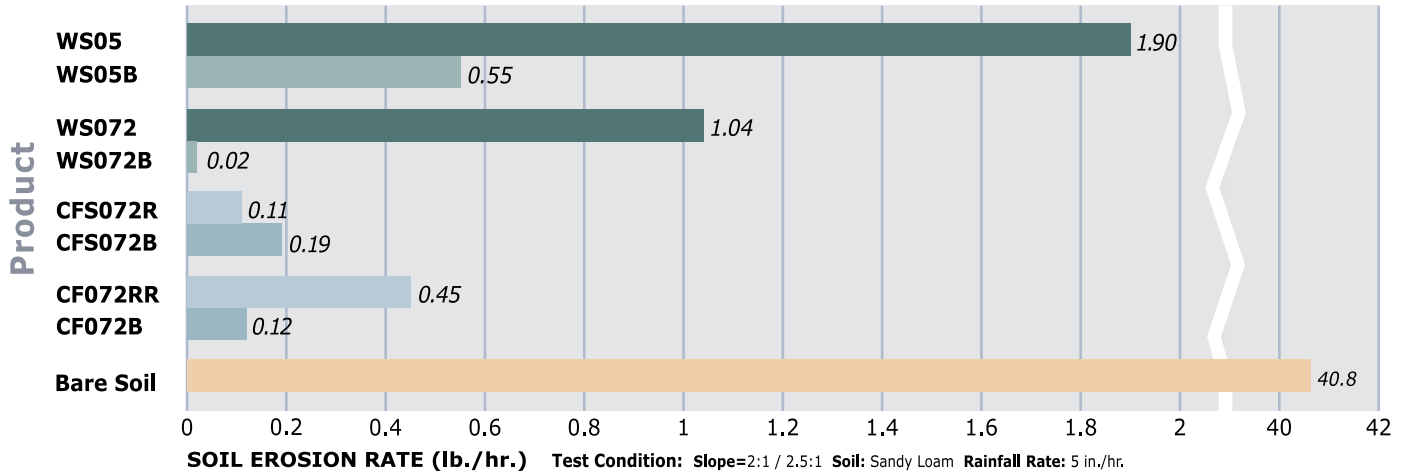
Testing & Properties

PROPERTIES

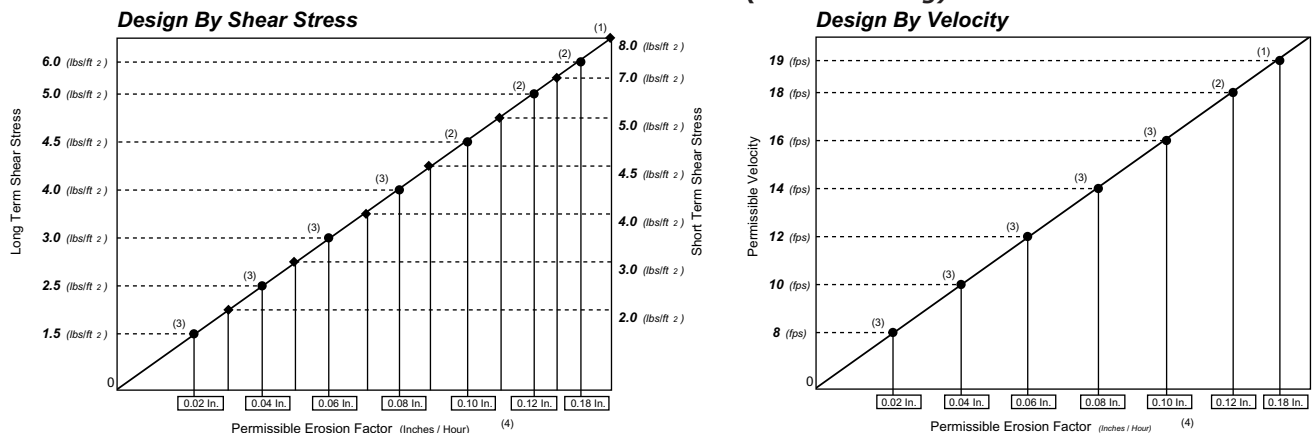
Parameter/Method	WS05	WS05B	WS072	WS072B	CFS072R	CFS072B	CF072RR	CF072B	CFG2000
Netting Size (inches sq.) Top	0.625	.50 +/-	0.625	.50 +/-	0.625	.50 +/-	0.625	.50 +/-	.50 X .60
Bottom	n/a	n/a	0.625	.50 +/-	0.625	.50 +/-	0.625	.50 +/-	0.50
Net Weight (lbs./1000 sq. ft.) Top	1.6	9.3	1.6	9.3	3.0	9.3	3.0	9.3	31.0
Bottom	n/a	9.3	1.6	9.3	1.6	9.3	3.0	9.3	3.0
Slope Recommendation <i>Derived from lab testing and field applications.</i>	2.5:1or<	2.5:1or<	2:1or<	2:1or<	1:1or<	1:1or<	1:1or> & Channel	1:1or> & Channel	1:1or> & Channel
1 ASTM D5199 (mils) Min. Thickness (inches) Min.	350 0.35	350 0.35	430 0.43	430 0.43	380 0.38	430 0.43	300 0.30	300 0.30	320 0.32
1 ASTM 5261 (Avg./lbs./ft. ²) Mass per Unit Area (Avg./grams/m ²)	0.15 735	0.15 722	0.14 690	0.14 690	0.09 476	0.13 676	0.13 662	0.09 440	0.17 833
1 ASTM D5035 (Avg./lbs./in.) MD Tensile Strength @ Peak TD	6.1 5.0	25.3 28.3	11.7 10.5	37.5 46.3	17.2 15.3	41.4 42.1	22.2 19.5	46.7 45.7	147.5 172.6
1 ASTM D5035 (Avg. %) MD Elongation @ Peak TD	10.9 8.7	6.8 2.8	12.4 9.3	3.6 2.7	13.4 9.6	2.1 2.2	13.4 11.1	2.2 2.5	17.1 18.1
2 Roughness Coefficient Mannings "n"	0.165	0.021	0.174	0.173	0.177	0.18	0.159	0.148	0.026
3 Light Penetration ECTC (Avg. %)	35	-	11	-	19	11	8	-	-
3 Swell - ECTC (Avg. %)	70	-	6	-	25	19	5	-	-
3 ASTM D1117 (Avg. %) Water Absorption	200	-	365	-	285	81	22	-	-

1. Precision Geosynthetic Laboratories 2. Texas Transportation Institute 3. TRI Environmental, Inc.

SLOPE SOIL EROSION RATE



CFG2000 APPLICATION & DESIGN CHART (Patent Pending)



Test Conditions	Legend
2000-2001 Independent University Research Laboratory Testing.	● Long Term
Soil Type - Sandy Loam	◆ Short Term
High Velocity Flow - Maximum flume velocity & shear.	
(1) Max Flume velocity & shear (19.5 fps) - Duration < 2 Hrs.	
(2) Long duration test 50 hours minimum - Velocity & shear constant at 18 fps including 2 hour peak flow (19.5 fps).	
(3) Short duration test - Velocity & shear increasing every 30 minutes up to 18 fps.	
(4) Erosion Factors based on direct measurement of soil loss during 50 hour test - Unvegetated state.	