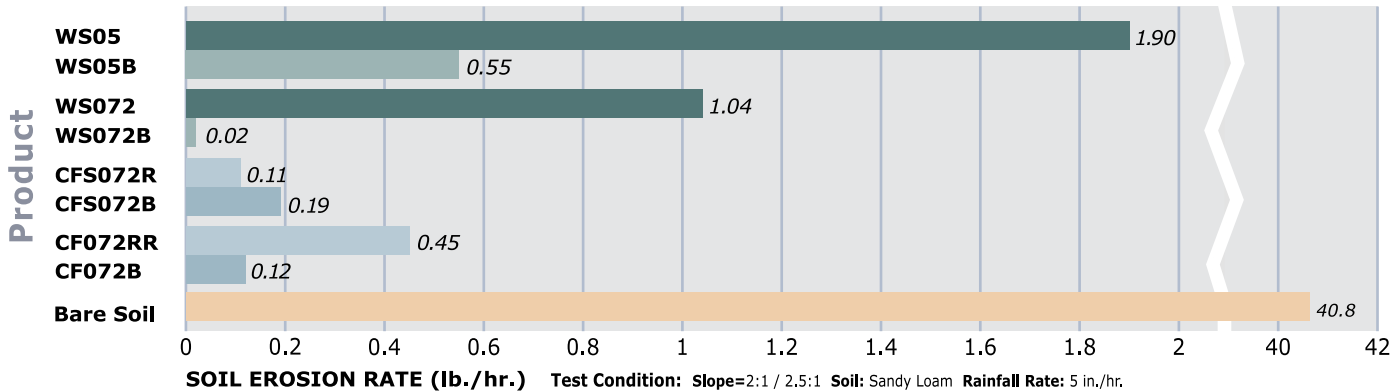


PROPERTIES

Parameter/Method	WS05	WS05B	WS072	WS072B	CFS072R	CFS072B	CF072RR	CF072B	CFG2000	GFP12	CPG3000
Netting Size (inches sq.) Top	0.625	.50 +/-	0.625	.50 +/-	0.625	.50 +/-	0.625	.50 +/-	.50 X .60	0.625	.50 X .60
Bottom	n/a	n/a	0.625	.50 +/-	0.625	.50 +/-	0.625	.50 +/-	0.625	0.625	0.625
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	3.0	31.0
Bottom	n/a	9.3	1.6	9.3	1.6	9.3	3.0	9.3	3.0	3.0	3.0
Slope Recommendation Derived from lab testing and field applications.	2.5:1or<	2.5:1or<	2:1or<	2:1or<	1:1or<	1:1or<	1:1or> & Channel	1:1or> & Channel	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	280 0.28	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	0.09 690	0.13 937
1 ASTM D5035 (Avg./lbs./ft.) MD Tensile Strength @ Peak TD	73.2 60.0	303.6 339.6	140.4 126	450 555.6	206.4 183.6	496.8 505.2	266.4 234	560.4 548.4	1770 2071	503.2 483.4	1896 1296
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	25 24	12 14
2 Roughness Coefficient Mannings "n"	0.0165	0.0212	0.0174	0.0173	0.0177	0.0180	0.0159	0.0148	0.026	0.024	0.024
3 Light Penetration ECTC (Avg. %)	35	-	11	-	19	11	8	-	8	5	5
3 Swell - ECTC (Avg. %)	70	-	6	-	25	19	5	-	5	-	-
3 ASTM D1117 (Avg. %) Water Absorption	200	-	365	-	285	81	22	-	22	-	-
3 ASTM D4491 Permittivity (s-1) Permeability (cm/s)	2.0 1.8	- -	4.7 2.5	- -	6.1 2.6	1.8 1.9	5.8 3.6	- -	5.8 3.6	- -	- -
4 Design (C) Factor ASTM D6549 5 Relative (C) Factor - SDSU 10 Yr. Storm Event (ASTM D6549)	0.046 0.03	0.013 0.03	0.025 0.03	0.005 0.03	0.003 0.02	0.005 0.02	0.011 0.001	0.003 0.001	0.011 0.001	0.16 -	0.16 *
4 Max. Permissible Shear (lbs/ft ²) Unvegetated Direct Shear Value	N/A	N/A	N/A	N/A	3.0	2.5	4.0	3.0	4.5	3.0	10

1. Precision Geosynthetic Laboratories 2. Texas Transportation Institute 3. TRI Environmental, Inc. 4. Utah State Water Research Laboratory 5. San Diego State University Soil Erosion Research Laboratory
N/A - Shear stress is a hydraulically applied force not an index property to be used for any type of conformance evaluation of straw fiber blankets.
* Parameter value will vary depending on integrated application (Soil filling, Hydro Mulching, Vegetated, Non-vegetated and Etc.).

SLOPE SOIL EROSION RATE



CFG2000 APPLICATION & DESIGN CHART (Patent Pending)

