



American Excelsior Company Channel Application Guide

Increasing Shear Stress (lb/ft <sup>2</sup> )	14.0 <sup>a</sup>								TriNet® Recyclex®	Vegetated
	13.0 <sup>a</sup>								TriNet® Curlex®	
	12.0 <sup>a</sup>								TriNet® Coconut®	
	10.0+ <sup>a</sup>								Recyclex® TRM	
	10.0								TriNet® Straw/Coconut Curlex® Enforcer®	
	8.0+								Recyclex® TRM - V	
	3.25							Curlex® High Velocity™	Curlex® Enforcer®	Unvegetated
	3.2									
	3.0									
	2.5					Curlex® II .98	Curlex® III			
	2.25				Curlex® II		AEC Premier Coconut™			
	2.0				AEC Premier Straw/Coconut™					
	1.80			Curlex® II CL						
	1.75	AEC Premier Straw® Double Net		Curlex® I						
1.60		Curlex® I CL								
1.55	AEC Premier Straw® Single Net									
1.0			Curlex® NetFree™							
	≤ 12	≤ 15	≤ 18	≤ 24	≤ 30	≤ 36	36 +	BioComposite	100% Permanent	
	Increasing Functional Longevity (months) <sup>b</sup>									

<sup>a</sup> Verify design shear stress requirements because there are not many channels that require a vegetated shear >12 lb/ft<sup>2</sup>.

<sup>b</sup> Functional longevity varies by region because of differences in climatic conditions.

**Notes:**

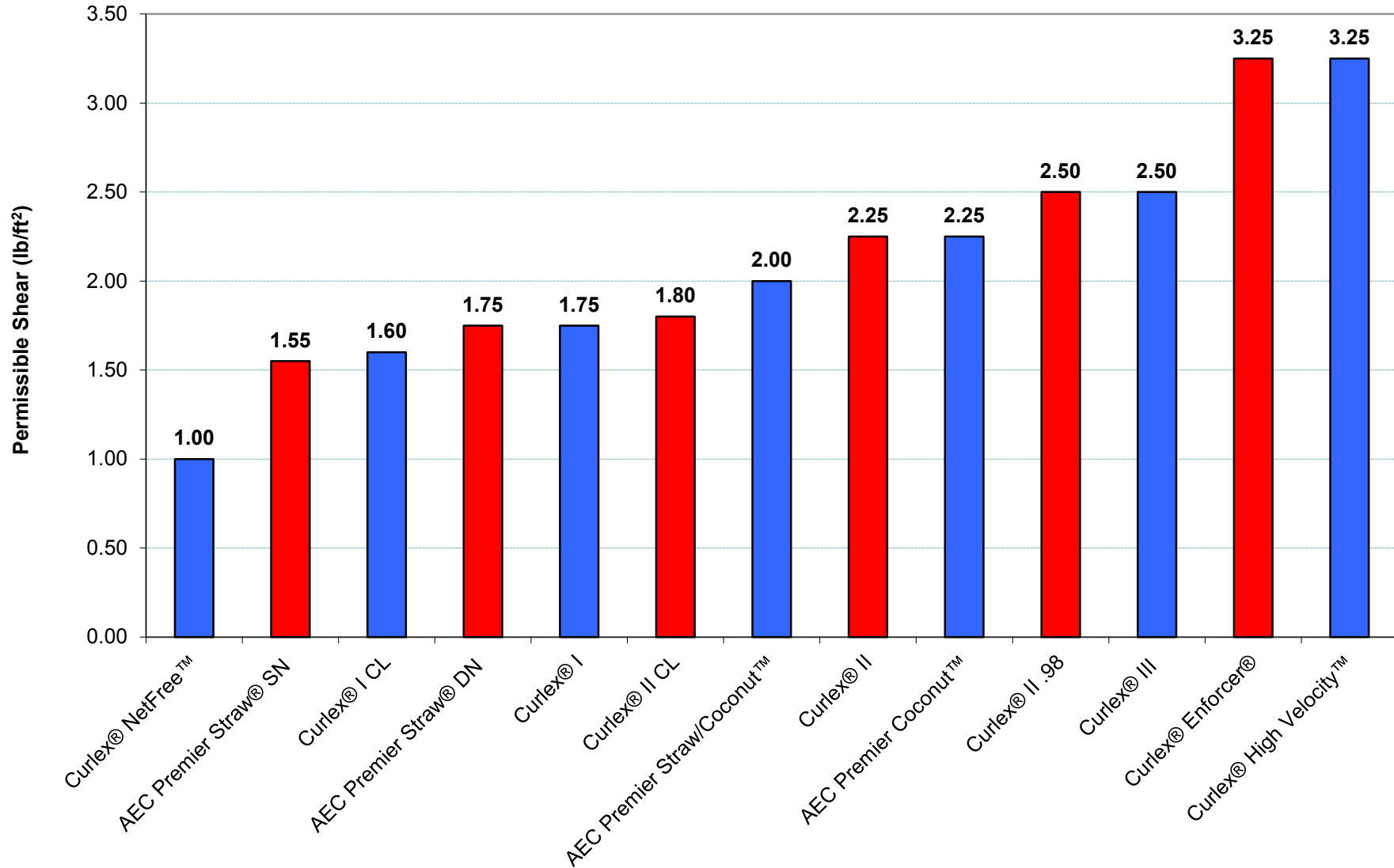
- Several American Excelsior Company (AEC) RECPs are available with 100% biodegradable, FibreNet™ netting.
- If the goal of the project is to have netting gone within 90 days, then Curlex NetFree or AEC's white QuickMow™ netting should be used.

Remember to always ask these three questions:

1. What is the actual design shear stress for the channel?
2. How long do I need/want the product to last?
3. What is the soil type?

**This document is only a guide. Complete Technical Support, including free and easy to use ErosionWorks design software, is available at [www.Curlex.com](http://www.Curlex.com) or contact AEC for specific project recommendations.**

**American Excelsior Company RECP Channel Selection Guide (Unvegetated)**



**American Excelsior Company RECP Channel Selection Guide (Vegetated)**

