



American Excelsior Company Channel Application Guide

Increasing Shear Stress (Pa)	480+ <sup>a</sup>								Recyclex <sup>®</sup> TRM	Vegetated
	480							Curlex <sup>®</sup> Enforcer <sup>®</sup>		
	384+							Recyclex <sup>®</sup> TRM - V		
	156.0							Curlex <sup>®</sup> High Velocity <sup>™</sup>	Curlex <sup>®</sup> Enforcer <sup>®</sup>	Unvegetated
	153.0									
	144.0									
	120.0					Curlex <sup>®</sup> II .98	Curlex <sup>®</sup> III			
	108.0				Curlex <sup>®</sup> II		AEC Premier Coconut <sup>™</sup>			
	96.0				AEC Premier Straw/Coconut <sup>™</sup>					
	86.0			Curlex <sup>®</sup> II CL						
	84.0	AEC Premier Straw <sup>®</sup> Double Net		Curlex <sup>®</sup> I						
	77.0		Curlex <sup>®</sup> I CL							
	74.0	AEC Premier Straw <sup>®</sup> Single Net								
	48.0			Curlex <sup>®</sup> NetFree <sup>™</sup>						
	≤ 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:**

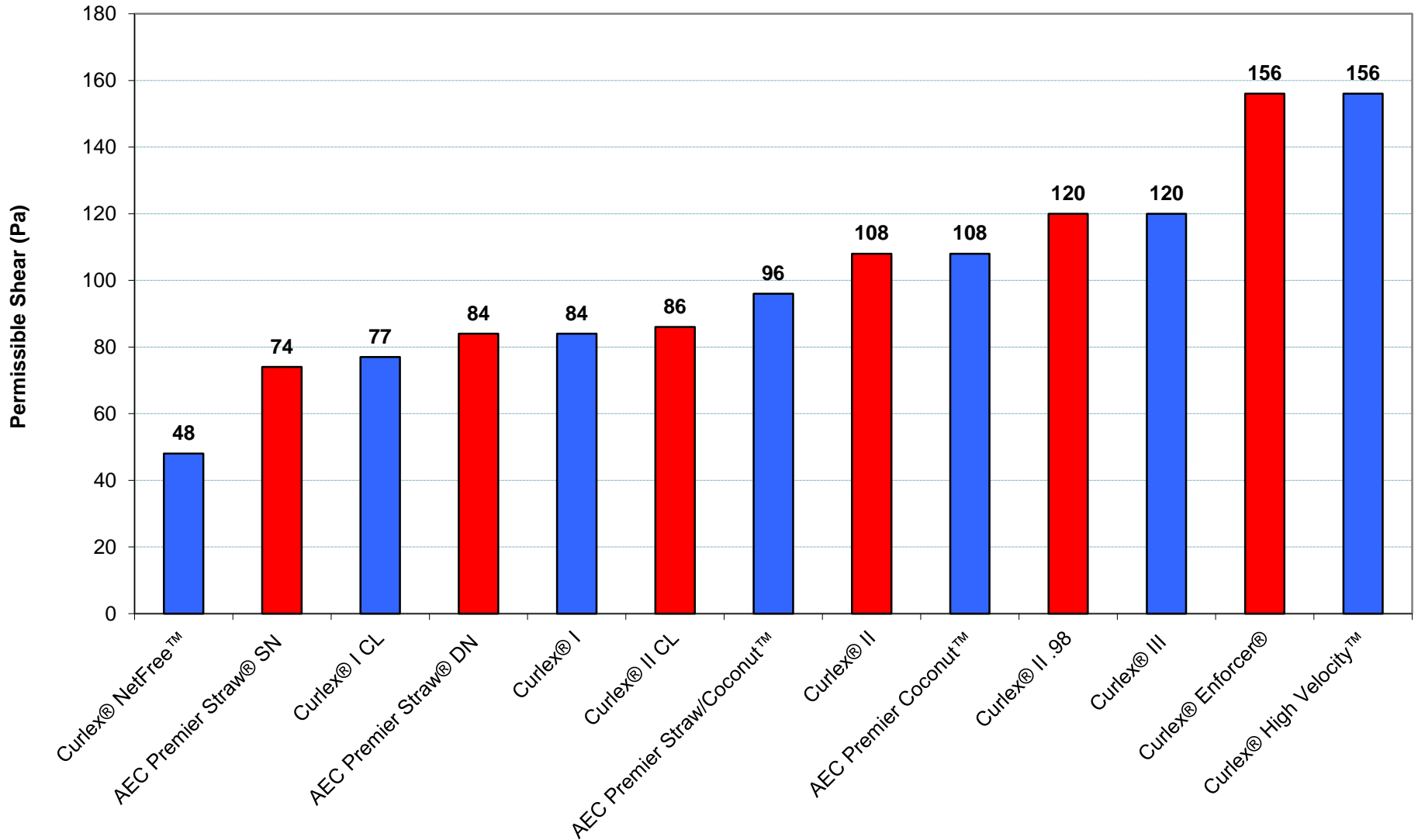
- Several American Excelsior Company (AEC) RECPs are available with 100% biodegradable, FibreNet<sup>™</sup> netting.
- If the goal of the project is to have netting gone within 90 days, then Curlex NetFree or AEC's white QuickMow<sup>™</sup> netting should be used.

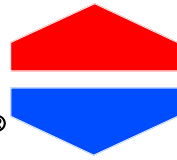
**Remember to always ask these three questions:**

- What is the actual design shear stress for the channel?
- How long do I need/want the product to last?
- 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)**

