weatherables®

Physical Properties:

Test	Value	ASTM
Using 0.125 specimen: Izod impact	22.5ft. lbs/in.	D256
Tensile Yield Strength	6606 PSI	D638
Tensile Modulus	432,000 PSI	D638
Flexural Modulus	378,000	D790
DTUL at 264 PSI	75	D648
ASTM Cell Classification	13$^{3}_{3}$	D1784-14344B

Profile Specifications:

Item	Dimension	Thickness +/- 10%	
Posts:	5" x 5"	.145"	
	4" x 4"	.140"	
Rails:	1.5" x 5.5"	.090"	Double Ribbed
	2" x 3.5"	.110"	
	T-Rail	.095"	
Pickets:	1.5" x 1.5"	.075"	
	.875" x 1.5"	.070"	
	.875" x 3"	.070"	
	.875" x 6" T&G	.060"	Double Ribbed
	.875" x 11.3" T&G	.055"	5 Ribs
Metal:	5" Post insert Aluminum I-Beam	.108"	Recommended for each side of gate.
	4" Post insert Aluminum I-Beam	.108"	Recommended for each side of gate.
	1.5" x 5.5" I-Channel Alum	.075"	
	2" x 3.5" H-Channel Alum	.070"	
	5" Post Insert- Galvanized Steel 2-Shape		20 Gauge
	4" Post Insert- Galvanized Steel 2-Shape		20 Gauge

TI02/Titanium Dioxide: 10 parts per 100. Keeps Material from excessively fading due to UV rays.

Note: All of the panels sold by USA Vinyl, LLC come with re-enforced metal channel in the bottom rails. USA Vinyl, LLC does not sell any "economy" product such as .135" posts or .075" rails. None of our fence panels require brackets for installation. USA Vinyl,LLC is a member of the BBB On-Line.